

APTUS

March 25, 1991

Aptus
Environmental Services
P.O. Box 1328
Coffeyville, KS 67337
(316) 251-6380
FAX (316) 251-7498
Sales FAX (316) 251-1095
Incinerator FAX (316) 251-0089

STEVE WASHBURN
MARION STEEL COMPANY
912 CHENEY AVENUE
MARION, OH 43302

RE: Aptus Document No. 017YM

Dear STEVE WASHBURN:

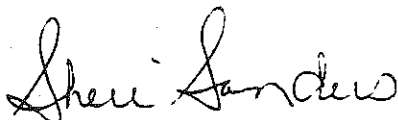
Enclosed, please find your Certificate of Disposal from Aptus, which certifies that your waste material received on the manifest referenced has been properly disposed. Also, enclosed is a detail summary of the movement of your material.

Aptus would like to express our appreciation to you and hope that we can assist you in solving your waste management needs in the future.

Should you have any questions regarding our services, please contact one of our offices from 8:00 AM to 5:00 PM.

24 Hour Spill Response call 1-800-292-2558 or (316)251-6380.

Sincerely,



SHERI SANDERS
PCB DOCUMENT ADMINISTRATOR

Enclosure

APTUS

March 25, 1991

Aptus
Environmental Services
P.O. Box 1328
Coffeyville, KS 67337
(316) 251-6380
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CERTIFICATE OF DISPOSAL

NO. 5741

MARION STEEL COMPANY
912 CHENEY AVENUE
MARION, OH 43302

- A. THIS IS TO CERTIFY THAT THE HAZARDOUS SUBSTANCE MANIFESTED TO **APTUS** ON APTUS DOCUMENT #017YM WAS DISPOSED OF IN ACCORDANCE WITH 40 CFR 761 AS OF 03/04/91. ATTACHED, IS A DETAIL REPORT WHICH IDENTIFIES THE DATE(S) OF DISPOSAL AND THE PROCESS UTILIZED FOR EACH WASTE LISTED.
- B. UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S. C. 1001 AND 15 U.S. C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE AND COMPLETE. AS TO THE IDENTIFIED SECTIONS(S)(A.) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

APTUS

EPA ID # KSD980964993


BRIAN BROSAN

MANAGER, ENVIRONMENTAL AFFAIRS

DETAIL REPORT

GENERATOR MARION STEEL COMPANY
 912 CHEEY AVENUE
 MARION OH 4302
 EPA # OH000271975
 PHONE: 6143340111
 STEVE WASBURN
 CODE: 0014769
 CORRESPONDENT ENVIRONMENTAL MANAGEMENT CTRL
 1141 QUINCY ROAD S1
 CEDRA OH 43030
 PHONE: 4196668078
 FRED SAWER
 CODE: 0006628
 WORKORDER # 6723
 APT DOC # 017YM
 CUST MANIFEST:
 STATE MANIFEST:
 DATE CHECKED IN: 10/17/90
 DATE OF REPORT: 03/25/91
 SALESMAN: JEFF SMITH
 HOLD BACK: 0%

ITEM	PROTYPE	QTY	DESCRIPTION	SERIAL/URL #	QTY	UNIT	LOCATN	D F	SHIP	DISPOSAL FACILITY	SHIPMAN	DESIRVD CTECH	QTY	NUMBER	DATE	
1	CAPS	0		1 OF 3/F1	07/31/90	450	0.00	CNT	9804000	F. F. 02/18/91	APTUS INCINERATOR COFFEEVILLE,KS	CARBS	03/04/91	03/12/91	03/25/91	5741
2	CAPS	0		2 OF 3/F2	07/31/90	556	0.00	CNT	9804000	F. F. 02/18/91	APTUS INCINERATOR COFFEEVILLE,KS	CARBS	03/04/91	03/12/91	03/25/91	5741
3	CAPS	0		3 OF 3/F3	07/31/90	318	0.00	CNT	9804000	F. F. 02/18/91	APTUS INCINERATOR COFFEEVILLE,KS	CARBS	03/04/91	03/12/91	03/25/91	5741

MANIFESTS ON JOB NUMBER 6723
 017YM

v

PCB Annual Document

MARION STEEL COMPANY
912 CHENEY AVENUE
MARION OHIO 43302

EPA ID NO. OH D032271975

PCB ANNUAL DOCUMENT SUMMARY IN ACCORDANCE WITH 761.180(a)(2)(iii),(iv),(v),(vi)
FOR REPORTING PERIOD JANUARY 1, 1990 - DECEMBER 31, 1990

PCBs/PCB ITEMS IN CONTAINERS		REMOVED FROM SERVICE	IN STORAGE FOR DISPOSAL	IN TRANSPORT FOR DISPOSAL	IN SERVICE AT END OF YEAR
TOTAL WEIGHT(kg) ID OF CONTENTS	114 CAPACITORS	5/30/90	5/30/90	6/30/90	PCB TRANSFORMERS TOTAL NUMBER TOTAL WEIGHT(kg) OF PCBs IN TRANSFORMERS 6 18344
	PCB BULK WASTE				
TOTAL CAPACITY(gal) TOTAL WEIGHT(kg)	9710 32152	11/22/90	N/A	11/23/90	PCB CAPACITORS TOTAL NUMBER TOTAL WEIGHT(kg) OF PCBs IN CAPACITORS 75 818.9
	PCB TRANSFORMERS				
TOTAL NUMBER TOTAL WEIGHT(kg) OF PCBs IN TRANSFORMERS	1 16492	12/15/90	N/A	2/22/91	
	PCB CAPACITORS				
TOTAL NUMBER TOTAL WEIGHT(kg) OF PCBs IN CAPACITORS	7 114	5/30/90	5/30/90	6/30/90	

* 761.180(a)(2)(ii) - SEE ANNUAL REPORT SECTION IV(1)
* 761.180(a)(2)(vii) DOES NOT APPLY TO THIS FACILITY
761.180(a)(2)(viii) - SEE ANNUAL REPORT SECTION IV(3)

ANNUAL REPORT

OF

POLYCHLORINATED BIPHENYLS (PCB'S)

THE MARION STEEL COMPANY
912 CHENEY AVENUE
MARION, OHIO 43302
(614) 383-4011

FOR REPORTING PERIOD

JANUARY 1, 1989 - DECEMBER 31, 1989

REPORT REVISED DECEMBER 1, 1992

PREPARED BY: SCOTT CONWAY

GENERATOR U.S. EPA ID #

OH D032271975

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II	Summary of PCB Activity
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I

PCB Contaminated
Electrical Equipment
at
Year Beginning

1. Equip. Description: 500 KVA Transformer, 13,800 - 480V
Location: Maintenance Building Sub Station
Serial Number: H-885865
Manufacturer: General Electric
Date Purchased/
Placed in Service: 1977
Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Pyranol
B. Volume (Gal) 112
C. Weight (kg) 631

2. Equip. Description: 2000 KVA Transformer, 13,800 - 480"
Location: Bag House Sub Station
Serial Number: H-884638
Manufacturer: General Electric
Date Purchased/
Placed in Service: 1976
Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name:	Pyranol
B. Volume (Gal)	243
C. Weight (kg)	1384

3. Equip. Description: 1000 KVA Transformer, 13,800 - 480V
Location: #1 Unit (West) Melt Shop Sub Station
Serial Number: YBR-83871
Manufacturer: Westinghouse
Date Purchased/
Placed in Service: 1967
Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Inerteen
B. Volume (Gal) 195
C. Weight (kg) 987

4. Equip. Description: 1000 KVA Transformer, 13,800 - 480V
Location: #2 Unit (East) Melt Shop Sub Station
Serial Number: YBR-83872
Manufacturer: Westinghouse
Date Purchased/
Placed in Service: 1967
Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name:	Inerteen
B. Volume (Gal)	195
C. Weight (kg)	984

5. Equip. Description: 1000 KVA Transformer, 13,800 - 480V
Location: Mill Building 480V Sub Station
Serial Number: H-887303
Manufacturer: General Electric
Date Purchased/
Placed in Service: 1975
Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Pyranol
B. Volume (Gal) 156
C. Weight (kg) 883

6. Equip. Description: 20/26.6/33 MVA Transformer, 138,000/
13,800
Location: Main Sub Station (East Side)
Serial Number: 293707
Manufacturer: Westinghouse
Date Purchased/
Placed in Service: 1967
Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Oil (Contaminated)*
B. Volume (Gal) 5,580
C. Weight (kg) 16,556.1

*Note: Oil is PCB contaminated at 53 ppm.

7. Equip. Description: 7.5 MVA Transformer, 138,000/13,800
Location: Main Sub Station (West Side)
Serial Number: FLR 47281
Manufacturer: Westinghouse
Date Purchased/
Placed in Service: 1967
Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Oil (Contaminated)*
B. Volume (Gal) 4,130
C. Weight (kg) 13,675.4

*Note: Oil is PCB contaminated at 160 ppm.

8. Equip. Description: 250 KVA Transformer, 138,000/460V
Location: Rolling Mill Sub Station
Serial Number: 1213025
Manufacturer: Westinghouse
Date Purchased/
Placed in Service: Unknown
Date Removed
from Service: Prior to 1981, disposed of 8/1/89

Description of PCB Fluid:

A. Brand Name:	Inerteen
B. Volume (Gal)	229
C. Weight (kg)	740

9. Equip. Description: 2.5 KVAR Capacitor Assembly
Location: Main Sub Station (West Side)
Serial Number: 72111547
Manufacturer: Westinghouse
Date Purchased/
Placed in Service: 1976
Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Inerteen
B. Volume (Gal) .94
C. Weight (kg) 4.7

10. Equip. Description: 3 Furnace Switch Gear Capacitors
100 VAR, 14,400V

Location: "B" Furnace (Upper)

Serial Number: 7107-0111, 7107-0112, 7107-1933

Manufacturer: Westinghouse

Date Purchased/
Placed in Service: 1980

Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Inerteen

B. Volume (Gal) 2.65

C. Weight (kg) 13

11. Equip. Description: 3 Furnace Switch Gear Capacitors
100 VAR, 13,800V

Location: "B" Furnace (Lower)

Serial Number: L02-4130, L02-4146, L02-4124

Manufacturer: General Electric

Date Purchased/
Placed in Service: 1976

Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Pyranol

B. Volume (Gal) .5

C. Weight (kg) 2.5

12. Equip. Description: 3 Furnace Switch Gear Capacitors
100 VAR, 14,400V

Location: "A" Furnace (Upper)

Serial Number: No Nameplate on 2 Capacitors
7107-0113

Manufacturer: Westinghouse

Date Purchased/
Placed in Service: 1980

Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Inerteen

B. Volume (Gal) 2.73

C. Weight (kg) 13.5

13. Equip. Description: 3 Furnace Switch Gear Capacitors
100 VAR, 13,800V

Location: "A" Furnace (Lower)

Serial Number: C-54851, C-54862, C-54860

Manufacturer: General Electric

Date Purchased/
Placed in Service: 1967

Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Pyranol

B. Volume (Gal) .5

C. Weight (kg) 2.5

14. Equip. Description: 36 Mill Capacitors
15 KVAR, 2,400V

Location: Rolling Mill Sub Station

Serial Number: (South Cabinet) 50B525, 50B507,
50B506, 50B515, 50B516, 50B532,
50B531, 50B533, 50B534, 50B513,
50B514, 50B523

(Middle Cabinet) 50B528, 50B510,
50B512, 50B424, 50B522, 50B529,
50B517, 50B508, 50B504, 50B509,
50B521, 50B526

(North Cabinet) 51J108, 50E733,
50E763, 50E749, Remaining 8 are 50
Series, Serial #'s unknown.

Manufacturer: Westinghouse

Date Purchased/
Placed in Service: 1955

Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Inerteen

B. Volume (Gal) 1.72

C. Weight (kg) 8.3

15. Equip. Description: 27 Main Sub Capacitors
200 VAR, 7,960V

Location: Main Sub Station (North Bank)

Serial Number: (Top Bank) 7010-4539, 7010-2039,
7010-2034, 7010-2025, 7010-2383,
7010-2076, 7010-2088, 7010-2037

(Middle Bank) 7010-2142, 7010-2134,
7010-2017, 7010-2087, 7010-2268,
7010-2344, 7010-2326, 7010-2091,
7010-2118

(Bottom Bank) 7010-2038, 7209-4523,
7010-2197, 7010-2040, 7010-2042,
7010-2041, 7010-2152, 7010-2030,
7010-2184, 7010-2137

Manufacturer: Westinghouse

Date Purchased/
Placed in Service: 1967

Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Inerteen

B. Volume (Gal) 3.1

C. Weight (kg) 15.7

16. Equip. Description: 20 Main Sub Capacitors
200 VAR, 8,320V

Location: Main Sub Station (South Bank)

Serial Number: (Top Bank) 7601-0429, 7601-0391,
7601-0394, 7601-0414, 7601-0421,
7609-3018, 7604-1312, 7601-0402

(Middle Bank) 7601-0398, 7601-0388,
7601-0387, 7601-0424, 7601-0418

(Bottom Bank) 7601-0419, 7601-0428,
7601-0425, 7601-0422, 7601-1469,
7601-1466, 7601-0400

Manufacturer: Westinghouse

Date Purchased/
Placed in Service: 1976

Date Removed
from Service: 12/6/87 (14 Total - serial nos.
7601-0429, 7601-0391, 7601-
0394, 7601-0414, 7601-1312,
7601-0402, 7601-0388, 7601-
0387, 7601-0424, 7601-0428,
7601-0425, 7601-0422, 7601-
1469, 7601-1466)

Description of PCB Fluid:

A. Brand Name: Inerteen

B. Volume (Gal) 3.72

C. Weight (kg) 18.5

II

Summary of PCB Activity

ACTIVITY REPORT

ANNUAL SUMMARY OF POLYCHLORINATED BIPHENYLS (PCBS) JANUARY 1, 1989-DECEMBER 31, 1989

MARION STEEL COMPANY, 912 CHENEY AVENUE, MARION OH., 43302
GENERATOR U.S. EPA ID NO. OH 8032271975

NO.	EQUIPMENT DESCRIPTION	SERIAL NO.	LOCATION	PCB STATUS	VOL.(GAL.)	WT. (LBS)	DATE IN SERV.	ACTIVITY	DATE REMOVED	DATE DISPOSED	VENDOR	ENRST. NO. C
1.	WEST. 200 KVA TRANSFR.	1213025	MAIN SUB	INERTEN	229	1700 OIL 4140 XPRER	1967 1967	DISPOSAL	1989	8/1/89	APTUS	0570W 8
2.	2 DRUMS-SOIL, GRAVEL	N/A	MAIN SUB	PCB>500	N/A	400	N/A	SPILL CLEAN UP	7/15/89	8/1/89	APTUS	0570W 8

III

Quarterly Inspection Report

P.C.B. CONTAMINATED TRANSFORMER

QUARTERLY INSPECTION REPORT

LOCATION	TRANS. MFG./SERIAL #	SIZE	TYPE OIL	INSP. BY	DATE INSPECTED
Mill Sub	Westinghouse 1213025 (Out Of Serv. On Site)	250KVA	1M-PPM	SC OK	7/18/89
Mill Sub	G.E. H-887303	1,000KVA	1M-PPM	" OK	"
Melt Shop	Westinghouse YBR83872	1,000KVA	1M	" "	"
Melt Shop	Westinghouse YBR83871	1,000KVA	1M	" "	"
Main Sub	Westinghouse 293707	20/30 MVA	53-PPM	" "	"
Main Sub	Westinghouse PLR47281	7.5MVA	160-PPM	" "	"
Melt Shop	Pennsylvania 35466-1	18,750KVA	35-PPM *	" "	"
Baghouse	G.E. H-884638	2,000KVA	1M	" "	"
Maint. Sub	G.E. 11-885865	500KVA	1M-PPM	" "	"

* SUE in question from EPA.

P.C.B. CONTAMINATED TRANSFORMER

QUARTERLY INSPECTION REPORT

LOCATION	TRANS. MFG./SERIAL #	SIZE	TYPE OIL	INSP. BY	DATE INSPECTED
1. Mill Sub	Westinghouse 1213025 (Out Of Serv. On Site)	250KVA	1M-PPM	<i>[Signature]</i>	10-13-89
2. Mill Sub	G.E. H-887303	1,000KVA	1M-PPM	<i>[Signature]</i>	10-13-89
3. Melt Shop	Westinghouse YBR83872	1,000KVA	1M	Peter Morlund	10-11-89
4. Melt Shop	Westinghouse YBR83871	1,000KVA	1M	P. Morlund	10-11-89
5. Main Sub	Westinghouse 293707	20/30 MVA	53-PPM	P. Morlund	10-11-89
6. Main Sub	Westinghouse PLR47281	7.5MVA	160-PPM	P. Morlund	10-11-89
7. Melt Shop	Pennsylvania 35466-1	18,750KVA	35-PPM	P. Morlund	10-11-89
8. Baghouse	G.E. H-884638	2,000KVA	1M	P. Morlund	10-11-89
9. Maint. Sub	G.E. 11-885865	500KVA	1M-PPM	P. Morlund	10-11-89

IV

Supporting Documentation

- 1) Shipping Manifests
- 2) Certificates of Disposal
- 3) Correspondence

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.		Manifest Document No.		2. Page 1 of		Information in the shaded areas is not required by Federal law.	
				10570M					
3. Generator's Name and Mailing Address <i>Marion Steel CO 912 Cheney Marion, OH. 43430</i>		4. Generator's Phone <i>(419) 855 8775</i>		6. US EPA ID Number		A. State Manifest Document Number			
				M N D 9 8 0 7 9 1 3 2 1		B. State Generator's ID			
5. Transporter 1 Company Name <i>Aptus</i>		7. Transporter 2 Company Name		8. US EPA ID Number		C. State Transporter's ID		D. Transporter's Phone <i>612-469-3475</i>	
						E. State Transporter's ID		F. Transporter's Phone	
9. Designated Facility Name and Site Address <i>Aptus P.O. Box 1328/Hwy. 169 North Coffeyville, KS 67337</i>		10. US EPA ID Number		K S D 9 8 0 9 6 4 9 9 3		G. State Facility's ID		H. Facility's Phone <i>316-251-6380</i>	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers		13. Total Quantity		14. Unit Wt/Vol		1. Waste No.	
		No. Type							
a. <i>RQ</i> WASTE HAZARDOUS SUBSTANCE, LIQUID OR SOLID, N.O.S., (POLYCHLORINATED BIPHENYLS) ORM-E NA 9188		101 CM		5650 P					
b. <i>RQ</i> WASTE HAZARDOUS SUBSTANCE, LIQUID OR SOLID, N.O.S., (POLYCHLORINATED BIPHENYLS) ORM-E NA 9188		102 DM		4400 P					
c. RQ WASTE HAZARDOUS SUBSTANCE, LIQUID OR SOLID, N.O.S., (POLYCHLORINATED BIPHENYLS) ORM-E NA 9188									
d.									
J. Additional Descriptions for Materials Listed Above		K. Handling Codes for Wastes Listed Above							
<i>A. Transformer filled with askeral = 5,590 lbs.</i>									
<i>6 Drums of debris = 1,208 lbs.</i>									
15. Special Handling Instructions and Additional Information									
<i>See Enclosed Contingency Plan Work Order # 35925 Discrepancy OK'd w/Fred Sander per phone 8/16/89.</i>									
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.									
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.									
Printed/Typed Name		Signature		Month Day Year					
<i>Jerry Jazienko</i>		<i>[Signature]</i>		<i>10/8/1989</i>					
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Month Day Year					
Printed/Typed Name		<i>Jerry L Fogle</i>		<i>10/8/1989</i>					
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Month Day Year					
Printed/Typed Name									
19. Discrepancy Indication Space									
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.									
Printed/Typed Name		Signature		Month Day Year					
<i>TERRY GREEN</i>		<i>[Signature]</i>		<i>10/8/1989</i>					

Aptus

Environmental Services

P.O. Box 1328

Coffeyville, KS 67337

(316) 251-6380

(800) 292-2558

FAX (316) 251-7498

Sales FAX (316) 251-1095

Confidential FAX (316) 251-0091

Incinerator FAX (316) 251-0089

October 25, 1989

APTUS

CERTIFICATE OF DISPOSAL

NO. 8351

Marion Steel Company
912 Cheney Avenue
Marion, OH 43430

THIS IS TO CERTIFY THAT THE HAZARDOUS SUBSTANCE
MANIFESTED TO **APTUS** ON APTUS DOCUMENT # 0570M WAS
DISPOSED OF IN ACCORDANCE WITH 40 CFR 761
AS OF 10/16/89.

APTUS

EPA ID # KSD980964993



SHERI SANDERS

PCB DOCUMENT ADMINISTRATOR

Aptus

DETAIL REPORT

PAGE NO. 1

GENERATOR

Marion Steel Company

312 Carey Avenue

Union OH 43430

SP1 #

POE: 419-655-8075

Mr Fred Sanger

CODE: 45/25

COMPONENT

Environmental Management Control

1141 County Road 51

24728 OH 43430

24 #

POE: 419-655-8078

Mr Fred Sanger

CODE: K5426

JOB # 00525

APT DOC # 0570M

DATE OF REPORT: 10/25/89

DATE CHECKED IN: 08/10/89

DISPOSAL OPTIONS: OIL/PYR DEC TRH/ERA

SWESMAN, JOHN

HOLD BACK: *

ITEM DATE	JOB	TYPE	QTY	DESCRIPTION	Q.S. INVT SERIAL	QTY	UNIT	STORAGE	WEIGHT	QUANTITY	UNIT	LOCATION	D F A	SEMT	DISPOSAL FACILITY	UNSENT DESTROY CD	REC	CD	SENT	DATE	REC #		
1 08/10/89	00525	TRANS	274000		121325	430	PM	07/01/89	4140	50	30	QTY C	F. F. T.	08/21/89	U.S. ECOLOGY, BEATTY, IN	07/00	08/23/89	08/28/89	10/25/89	C	28/09/89	08/03/84	08/03/85
2 08/10/89	00525	ASK		FROM 1213025		1570	PM	07/01/89	1570	165	60	QALS C-T-01	J. J. I.	09/13/89	APTUS INCINERATOR	0240	10/16/89	10/18/89	10/25/89		08/09/89	08/03/85	24/03/86
3 08/10/89	00525	DEC		RO.DI. AL388R 904ELS		1208		08/01/89		2	60	DLS C-Q-000R	T. J. I.	10/02/89	CHEMICAL WASTE, BELLE, AL	0380	10/03/89	10/05/89	10/25/89	A-2	08/17/89	11/30	07/04/87

MANIFESTS ON JOB NUMBER 00525

0570M

MARION STEEL COMPANY
912 CHENEY AVENUE
MARION OHIO 43302

December 15, 1992
EPA ID NO. OH D032271975

PCB SPILL CLEAN UP DOCUMENTATION

CFR 761.125(c)(5) RECORDS

5(i) IDENTIFICATION OF SOURCE OF SPILL:

3-Ruptured Westinghouse 200 var PCB capacitors containing inerteen. This spill was discovered by EPA inspectors on 7/7/89.

5(ii) Estimated date of spill:

8/3/83

5(iii) Completed date of clean up :

8/1/89

5(iv),(v) Description of spill:

The spill was located in the main electrical substation below the south bank of capacitors. The gravel and soil directly beneath the bank were saturated in approximately a 2 foot diameter circle. The spill was plainly visible and apparently localized to this circle.

* See attached pre-clean up sampling data

5(vi) N/A

5(vii) Depth and quantity of soil removed:

There were 2 seperate clean up efforts initiated for this discovered spill. The first clean up resulted in approximately 1-55 gallon drum of soil and gravel being removed from the area. Post clean up sampling still indicated the presence of PCBs. Additional clean up was recommended by the EPA inspectors, subsequently, a second 55-gallon drum of soil was removed from the area.

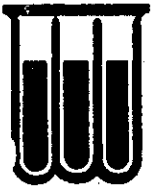
Total Depth -	approximately 2 - 3 feet
Total Quantity -	2-55 gallon drums
Total Weight-	1,208 lbs.

5(viii) Post clean up verification data:

** See attached post clean up data

5(ix) Estimated cost of clean up:

Man hours	- 10 @ \$15/hr	= \$ 150
Disposal	- actual amt.	= \$ 2,100
Total		= \$ 2,250



WADSWORTH/ALERT
LABORATORIES, INC.

PRE-CLEAN UP (5 PAGES)

COMPANY : OHIO EPA-DIV OF EMERGENCY RESPONSE
LAB #: 6810-23802
MATRIX: SOLID

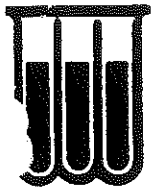
DATE RECEIVED: 7/1
DATE EXTRACTED: 7/10/89
DATE ANALYZED: 7/13/89

SAMPLE ID: MAIN SUBSTATION OIL STAINED AREA UNDER CAPACITOR BANK

POLYCHLORINATED BIPHENYLS
METHOD 8080 LIST - GC

PCB-1016	86,000
PCB-1221	ND
PCB-1232	ND
PCB-1242	ND
PCB-1248	ND
PCB-1254	ND
PCB-1260	ND
PCB-1262	--

NOTE: ND (None Detected, lower detectable limit = 39,000 mg/kg) as rec'd
ND* (None Detected, lower detectable limit = mg/kg) as rec'd
-- (Not Analyzed)



WADSWORTH/ALERT
LABORATORIES, INC.

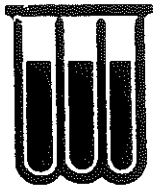
QUALITY CONTROL SECTION



WADSWORTH/ALERT
LABORATORIES, INC.

MATRIX SPIKE DATA

LAB ID	PARAMETER	SPIKE PERCENT RECOVERY	SPK/DUP PERCENT RECOVERY	SPIKE MATRIX	QC CONTROL LIMITS
890710	Polychlorinated Biphenyls	94	95	SOLID	(46-122)



WADSWORTH/ALERT
LABORATORIES, INC.

COMPANY : Wadsworth/Alert Laboratories
LAB #: 9289-92710
MATRIX: SOLID

DATE RECEIVED: 7/10/89
DATE EXTRACTED: 7/10/89
DATE ANALYZED: 7/12/89

SAMPLE ID: INTRA-LAB BLANK , 7 /10/89

POLYCHLORINATED BIPHENYLS
ANALYTICAL BLANK REPORT

PCB-1016	ND
PCB-1221	ND
PCB-1232	ND
PCB-1242	ND
PCB-1248	ND
PCB-1254	ND
PCB-1260	ND
PCB-1262	--

NOTE: ND (None Detected, lower detectable limit = 1 mg/kg) as rec'd
ND* (None Detected, lower detectable limit = mg/kg) as rec'd
-- (Not Analyzed)



WADSWORTH/ALERT
LABORATORIES, INC.

COMPANY : Wadsworth/Alert Laboratories
LAB #: 9289-92711
MATRIX: SOLID

DATE RECEIVED: 7/11/89
DATE EXTRACTED: 7/11/89
DATE ANALYZED: 7/13/89

SAMPLE ID: INTRA-LAB BLANK , 7 /11/89

**POLYCHLORINATED BIPHENYLS
ANALYTICAL BLANK REPORT**

PCB-1016	ND
PCB-1221	ND
PCB-1232	ND
PCB-1242	ND
PCB-1248	ND
PCB-1254	ND
PCB-1260	ND
PCB-1262	--

NOTE: ND (None Detected, lower detectable limit = 1 mg/kg) as rec'd
ND* (None Detected, lower detectable limit = mg/kg) as rec'd
-- (Not Analyzed)

AQUA TECH ENVIRONMENTAL CONSULTANTS, INC.

P.O. Box 76
Melmore, Ohio 44845
(419) 397-2659

Client: MARION STEEL COMPANY	
Address: 912 CHENEY AVENUE MARION, OH 43302 ATTN: SCOTT CONWAY	
Project No:	Date(s) of Receipt at Laboratory:
Purchase Order:	JULY 27, 1989
Comments:	

Sample Inventory		
Atec No.	Client No.	Method(s)
7671	MS-1 CENTER	8080
7672	MS-2 EAST	8080

Comments: SENT RESULTS TO FAX # 614-383-6429 ON 8/11/89

Authorized Signature: *Robert S. Rowland*

Title: Melmore Laboratory Manager

Date Released: AUGUST 11, 1989

Marion Steel Co.
Polychlorinated Biphenyl (PCB) Analysis
Method Number 8080
Date Received: July 27, 1989

Atec Lab No.	7671	7672
Client Sample No.	MS-1 Center	MS-2 East
Analyst	CMR	CMR
Date Analyzed	8/11/89	8/11/89
Aroclor 1016	< 10.0	< 10.0
Aroclor 1221	< 10.0	< 10.0
Aroclor 1232	< 10.0	< 10.0
Aroclor 1242	1360	4500
Aroclor 1248	< 10.0	< 10.0
Aroclor 1254	< 10.0	< 10.0
Aroclor 1260	< 10.0	< 10.0

All results are reported as mg/kg dry weight.



WADSWORTH/ALERT
LABORATORIES, INC.

COMPANY : OHIO EPA-DIV OF EMERGENCY RESPONSE
LAB #: 1535-30024
MATRIX: SOLID

DATE RECEIVED: 9/ 5/89
DATE EXTRACTED: 9/ 6/89
DATE ANALYZED: 9/13/89

SAMPLE ID: 01 MAIN SUBSTATION: AREA BELOW S. CAPACITOR BANK 8-31-89 1120

POLYCHLORINATED BIPHENYLS
METHOD 8080 LIST - GC

PCB-1016	210
PCB-1221	ND
PCB-1232	ND
PCB-1242	ND
PCB-1248	ND
PCB-1254	ND
PCB-1260	ND
PCB-1262	--

NOTE: ND (None Detected, lower detectable limit = 70 ng/kg) as rec'd
ND* (None Detected, lower detectable limit = ng/kg) as rec'd
-- (Not Analysed)

v

PCB Annual Document

MARION STEEL COMPANY
912 CHENEY AVENUE
MARION OHIO 43302

EPA ID NO. OH D032271975

PCB ANNUAL DOCUMENT SUMMARY IN ACCORDANCE WITH 761.180(a)(2)(iii),(iv),(v),(vi)
FOR REPORTING PERIOD JANUARY 1, 1989 - FEBRUARY 5, 1990

		REMOVED FROM SERVICE	IN STORAGE FOR DISPOSAL	IN TRANSPORT FOR DISPOSAL	IN SERVICE AT END OF YEAR
PCBs/PCB ITEMS IN CONTAINERS					
TOTAL WEIGHT(kg) ID OF CONTENTS	400 SOIL, DEBRIS	7/15/89	7/15/89	8/1/89	PCB TRANSFORMERS TOTAL NUMBER TOTAL WEIGHT(kg) OF PCBs IN TRANSFORMERS 7 35101
PCB BULK WASTE					
TOTAL CAPACITY(gal) TOTAL WEIGHT(kg)	N/A	N/A	N/A	N/A	PCB CAPACITORS TOTAL NUMBER TOTAL WEIGHT(kg) OF PCBs IN CAPACITORS 82 932.9
PCB TRANSFORMERS					
TOTAL NUMBER TOTAL WEIGHT(kg) OF PCBs IN TRANSFORMERS	N/A	N/A	N/A	N/A	
PCB CAPACITORS					
TOTAL NUMBER TOTAL WEIGHT(kg) OF PCBs IN CAPACITORS	0	N/A	N/A	N/A	

* 761.180(a)(2)(ii) - SEE ANNUAL REPORT SECTION IV(1)
761.180(a)(2)(vii) DOES NOT APPLY TO THIS FACILITY
761.180(a)(2)(viii) - SEE ANNUAL REPORT SECTION IV(3)

ANNUAL REPORT

OF

POLYCHLORINATED BIPHENYLS (PCB'S)

THE MARION STEEL COMPANY
912 CHENEY AVENUE
MARION, OHIO 43302
(614) 383-4011

FOR REPORTING PERIOD

JANUARY 1, 1988 - DECEMBER 31, 1988

REPORT REVISED DECEMBER 1, 1992

PREPARED BY: SCOTT CONWAY

GENERATOR U.S. EPA ID #

OH D032271975

TABLE OF CONTENTS

I	PCB Contaminated Electrical Equipment at Year Beginning
II	Summary of PCB Activity
III	Quarterly Inspection Report
IV	Supporting Documentation 1) Shipping Manifests 2) Certificates of Disposal 3) Correspondence
V	PCB Annual Document

I

PCB Contaminated
Electrical Equipment
at
Year Beginning

1. Equip. Description: 500 KVA Transformer, 13,800 - 480V
Location: Maintenance Building Sub Station
Serial Number: H-885865
Manufacturer: General Electric
Date Purchased/
Placed in Service: 1977
Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Pyranol
B. Volume (Gal) 112
C. Weight (kg) 631

2. Equip. Description: 2000 KVA Transformer, 13,800 - 480V
Location: Bag House Sub Station
Serial Number: H-884638
Manufacturer: General Electric
Date Purchased/
Placed in Service: 1976
Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name:	Pyranol
B. Volume (Gal)	243
C. Weight (kg)	1384

3. Equip. Description: 1000 KVA Transformer, 13,800 - 480V
Location: #1 Unit (West) Melt Shop Sub Station
Serial Number: YBR-83871
Manufacturer: Westinghouse
Date Purchased/
Placed in Service: 1967
Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name:	Inerteen
B. Volume (Gal)	195
C. Weight (kg)	987

4. Equip. Description: 1000 KVA Transformer, 13,800 - 480V
Location: #2 Unit (East) Melt Shop Sub Station
Serial Number: YBR-83872
Manufacturer: Westinghouse
Date Purchased/
Placed in Service: 1967
Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name:	Inerteen
B. Volume (Gal)	195
C. Weight (kg)	984

5. Equip. Description: 1000 KVA Transformer, 13,800 - 480V
Location: Mill Building 480V Sub Station
Serial Number: H-887303
Manufacturer: General Electric
Date Purchased/
Placed in Service: 1975
Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name:	Pyranol
B. Volume (Gal)	156
C. Weight (kg)	883

6. Equip. Description: 20/26.6/33 MVA Transformer, 138,000/
13,800
Location: Main Sub Station (East Side)
Serial Number: 293707
Manufacturer: Westinghouse
Date Purchased/
Placed in Service: 1967
Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Oil (Contaminated)*
B. Volume (Gal) 5,580
C. Weight (kg) 16,556.1

*Note: Oil is PCB contaminated at 53 ppm.

7. Equip. Description: 7.5 MVA Transformer, 138,000/13,800
Location: Main Sub Station (West Side)
Serial Number: FLR 47281
Manufacturer: Westinghouse
Date Purchased/
Placed in Service: 1967
Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Oil (Contaminated)*
B. Volume (Gal) 4,130
C. Weight (kg) 13,675.4

*Note: Oil is PCB contaminated at 160 ppm.

8. Equip. Description: 250 KVA Transformer, 138,000/460V
Location: Rolling Mill Sub Station
Serial Number: 1213025
Manufacturer: Westinghouse
Date Purchased/
Placed in Service: Unknown
Date Removed
from Service: Prior to 1981

Description of PCB Fluid:

A. Brand Name:	Inerteen
B. Volume (Gal)	229
C. Weight (kg)	740

9. Equip. Description: 2.5 KVAR Capacitor Assembly
Location: Main Sub Station (West Side)
Serial Number: 72111547
Manufacturer: Westinghouse
Date Purchased/
Placed in Service: 1976
Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name:	Inerteen
B. Volume (Gal)	.94
C. Weight (kg)	4.7

10. Equip. Description: 3 Furnace Switch Gear Capacitors
100 VAR, 14,400V

Location: "B" Furnace (Upper)

Serial Number: 7107-0111, 7107-0112, 7107-1933

Manufacturer: Westinghouse

Date Purchased/
Placed in Service: 1980

Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Inerteen

B. Volume (Gal) 2.65

C. Weight (kg) 13

11. Equip. Description: 3 Furnace Switch Gear Capacitors
100 VAR, 13,800V

Location: "B" Furnace (Lower)

Serial Number: L02-4130, L02-4146, L02-4124

Manufacturer: General Electric

Date Purchased/
Placed in Service: 1976

Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Pyranol

B. Volume (Gal) .5

C. Weight (kg) 2.5

12. Equip. Description: 3 Furnace Switch Gear Capacitors
100 VAR, 14,400V

Location: "A" Furnace (Upper)

Serial Number: No Nameplate on 2 Capacitors
7107-0113

Manufacturer: Westinghouse

Date Purchased/
Placed in Service: 1980

Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Inerteen

B. Volume (Gal) 2.73

C. Weight (kg) 13.5

13. Equip. Description: 3 Furnace Switch Gear Capacitors
100 VAR, 13,800V

Location: "A" Furnace (Lower)

Serial Number: C-54851, C-54862, C-54860

Manufacturer: General Electric

Date Purchased/
Placed in Service: 1967

Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Pyranol

B. Volume (Gal) .5

C. Weight (kg) 2.5

14. Equip. Description: 36 Mill Capacitors
15 KVAR, 2,400V

Location: Rolling Mill Sub Station

Serial Number: (South Cabinet) 50B525, 50B507,
50B506, 50B515, 50B516, 50B532,
50B531, 50B533, 50B534, 50B513,
50B514, 50B523

(Middle Cabinet) 50B528, 50B510,
50B512, 50B424, 50B522, 50B529,
50B517, 50B508, 50B504, 50B509,
50B521, 50B526

(North Cabinet) 51J108, 50E733,
50E763, 50E749, Remaining 8 are 50
Series, Serial #'s unknown.

Manufacturer: Westinghouse

Date Purchased/
Placed in Service: 1955

Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Inerteen

B. Volume (Gal) 1.72

C. Weight (kg) 8.3

15. Equip. Description: 27 Main Sub Capacitors
200 VAR, 7,960V

Location: Main Sub Station (North Bank)

Serial Number: (Top Bank) 7010-4539, 7010-2039,
7010-2034, 7010-2025, 7010-2383,
7010-2076, 7010-2088, 7010-2037

(Middle Bank) 7010-2142, 7010-2134,
7010-2017, 7010-2087, 7010-2268,
7010-2344, 7010-2326, 7010-2091,
7010-2118

(Bottom Bank) 7010-2038, 7209-4523,
7010-2197, 7010-2040, 7010-2042,
7010-2041, 7010-2152, 7010-2030,
7010-2184, 7010-2137

Manufacturer: Westinghouse

Date Purchased/
Placed in Service: 1967

Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Inerteen

B. Volume (Gal) 3.1

C. Weight (kg) 15.7

16. Equip. Description: 20 Main Sub Capacitors
200 VAR, 8,320V

Location: Main Sub Station (South Bank)

Serial Number: (Top Bank) 7601-0429, 7601-0391,
7601-0394, 7601-0414, 7601-0421,
7609-3018, 7604-1312, 7601-0402

(Middle Bank) 7601-0398, 7601-0388,
7601-0387, 7601-0424, 7601-0418

(Bottom Bank) 7601-0419, 7601-0428,
7601-0425, 7601-0422, 7601-1469,
7601-1466, 7601-0400

Manufacturer: Westinghouse

Date Purchased/
Placed in Service: 1976

Date Removed
from Service: 12/6/87 (14 Total - serial nos.
7601-0429, 7601-0391, 7601-
0394, 7601-0414, 7601-1312,
7601-0402, 7601-0388, 7601-
0387, 7601-0424, 7601-0428,
7601-0425, 7601-0422, 7601-
1469, 7601-1466)

Description of PCB Fluid:

A. Brand Name: Inerteen

B. Volume (Gal) 3.72

C. Weight (kg) 18.5

II

Summary of PCB Activity

ANNUAL SUMMARY OF POLYCHLORINATED BIPHENYLS (PCBS) JANUARY 1, 1980-DECEMBER 31, 1988

MARION STEEL COMPANY, 912 CHENEY AVENUE, MARION OH., 43302
GENERATOR U.S. EPA ID NO. OH D032271975

[illegible]

III

Quarterly Inspection Report

Quarterly inspection reports are not available for this year.

IV

Supporting Documentation

- 1) Shipping Manifests
- 2) Certificates of Disposal
- 3) Correspondence



Form Approved. OMB No. 2050-0039. Expires 9-30-88

UNIFORM HAZARDOUS WASTE MANIFEST		2. Page 1		Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address		MARION STEEL COMPANY 912 CHENEY AVE MARION, OHIO 43302		A. State Manifest Document Number AR-379303	
4. Generator's Phone (611) 383-4011		6. US EPA ID Number		B. State Generator's ID	
5. Transporter 1 Company Name		TransTec Environmental, Inc		C. State Transporter's ID	
7. Transporter 2 Company Name		8. US EPA ID Number		D. State Transporter's ID	
9. Designated Facility Name and Site Address		10. US EPA ID Number		E. State Facility's ID	
ENSCO, INC 47th & SMITH EL DORADO, AR 71730		AR 00000404 PCB		F. State Facility's Phone	
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers		13. Total Quantity	
		No. Type		Unit	
Hazardous substance, solid, N.O.S., ORM-E, NA9188, (polychlorinated biphenyls), RQ 10/4.54 capacitors		0101 CLW		61081010 P	
Hazardous substance, solid, N.O.S., ORM-E, NA9188, (polychlorinated biphenyls) RQ 10/4.54 capacitors		0113 DM		05,910101 P	
c.					
d.					
14. Additional Descriptions for Materials Listed Above		15. Handling Codes for Wastes Listed Above			
		EMERGENCY RESPONSE INFORMATION 24 HR CONTACT 216-477-6888			
16. Special Handling Instructions and Additional Information		DIKE AND CONTAIN TT# 836 IN CASE OF SPILL Marion #27379 STORAGE DATE 11-7-88 AVOID CONTACT			
17. Generator's Declaration: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and Arkansas state regulations. I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
18. Transporter's Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Month Day Year	
ROBERT H. RUSSELL		Robert H. Russell		11/10/88	
19. Discrepancy Indication Space					
ENSCO WT: 6204 #					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.					
Printed/Typed Name		Signature		Month Day Year	
MARJORIE DAVIS ATKINS		marjorie D. Atkins		11/10/88	

**CERTIFICATION**

P.O. BOX 8513 333 EXECUTIVE COURT LITTLE ROCK, AR 72205 (501) 223-4160

No.

52760

CERTIFICATION OF COMPLIANCE AND DISPOSAL

TRANSTEC ENVIRONMENTAL, INC.
ATTN: JOHN ROYER
1700 GATEWAY BLVD, S.E.
CANTON,

OM 4470700000

ENSCO CERTIFIES THAT AS OF THE 28TH OF OCTOBER
1989, ALL MATERIAL RECEIVED FROM MARION STEEL COMPANY
DESCRIBED ON ENSCO INVOICE NUMBER 00011251, DATED 11/30/88,
ENSCO RECEIVING REPORT NUMBER (DELIVERY TICKET NUMBER) EEN-11251
AND MANIFEST NUMBER AB000372303, WAS DISPOSED OF IN COMPLIANCE
WITH ALL LOCAL, STATE, AND FEDERAL LAWS AND REGULATIONS.

ENSCO INCORPORATED

BY _____
NAME JOHN T. CORCIA
TITLE VICE PRESIDENT / SALES & MARKETING
DATE 11/02/89

v

PCB Annual Document

MARION STEEL COMPANY
912 CHENEY AVENUE
MARION OHIO 43302

EPA ID NO. OH D032271975

PCB ANNUAL DOCUMENT SUMMARY IN ACCORDANCE WITH 761.180(a)(2)(iii),(iv),(v),(vi)
FOR REPORTING PERIOD JANUARY 1, 1988 - DECEMBER 31, 1988

		REMOVED FROM SERVICE	IN STORAGE FOR DISPOSAL	IN TRANSPORT FOR DISPOSAL	IN SERVICE AT END OF YEAR
PCBs/PCB ITEMS IN CONTAINERS					
TOTAL WEIGHT(kg) ID OF CONTENTS	2639				PCB TRANSFORMERS
	CAPACITORS	12/6/87	12/6/87	11/7/88	TOTAL NUMBER TOTAL WEIGHT(kg) OF PCBs IN TRANSFORMERS
PCB BULK WASTE					
TOTAL CAPACITY(gal) TOTAL WEIGHT(kg)	N/A	N/A	N/A	N/A	PCB CAPACITORS
					TOTAL NUMBER TOTAL WEIGHT(kg) OF PCBs IN CAPACITORS
PCB TRANSFORMERS					
TOTAL NUMBER TOTAL WEIGHT(kg) OF PCBs IN TRANSFORMERS	N/A	N/A	N/A	N/A	
PCB CAPACITORS					
TOTAL NUMBER TOTAL WEIGHT(kg) OF PCBs IN CAPACITORS	14	12/6/87	12/6/87	11/7/88	
	253				

* 761.180(a)(2)(ii) - SEE ANNUAL REPORT SECTION IV(1)
761.180(a)(2)(vii) DOES NOT APPLY TO THIS FACILITY
761.180(a)(2)(viii) - SEE ANNUAL REPORT SECTION IV(3)

ANNUAL REPORT

OF

POLYCHLORINATED BIPHENYLS (PCB'S)

THE MARION STEEL COMPANY
912 CHENEY AVENUE
MARION, OHIO 43302
(614) 383-4011

FOR REPORTING PERIOD

JANUARY 1, 1987 - DECEMBER 31, 1987

REPORT REVISED DECEMBER 1, 1992

PREPARED BY: SCOTT CONWAY

GENERATOR U.S. EPA ID #

OH D032271975

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I	PCB Contaminated Electrical Equipment at Year Beginning
II	Summary of PCB Activity
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I

PCB Contaminated
Electrical Equipment
at
Year Beginning

1. Equip. Description: 500 KVA Transformer, 13,800 - 480V
Location: Maintenance Building Sub Station
Serial Number: H-885865
Manufacturer: General Electric
Date Purchased/
Placed in Service: 1977
Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name:	Pyranol
B. Volume (Gal)	112
C. Weight (kg)	631

2. Equip. Description: 2000 KVA Transformer, 13,800 - 480V
Location: Bag House Sub Station
Serial Number: H-884638
Manufacturer: General Electric
Date Purchased/
Placed in Service: 1976
Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name:	Pyranol
B. Volume (Gal)	243
C. Weight (kg)	1384

3. Equip. Description: 1000 KVA Transformer, 13,800 - 480V
Location: #1 Unit (West) Melt Shop Sub Station
Serial Number: YBR-83871
Manufacturer: Westinghouse
Date Purchased/
Placed in Service: 1967
Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name:	Inerteen
B. Volume (Gal)	195
C. Weight (kg)	987

4. Equip. Description: 1000 KVA Transformer, 13,800 - 480V
Location: #2 Unit (East) Melt Shop Sub Station
Serial Number: YBR-83872
Manufacturer: Westinghouse
Date Purchased/
Placed in Service: 1967
Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name:	Inerteen
B. Volume (Gal)	195
C. Weight (kg)	984

5. Equip. Description: 1000 KVA Transformer, 13,800 - 480V
Location: Mill Building 480V Sub Station
Serial Number: H-887303
Manufacturer: General Electric
Date Purchased/
Placed in Service: 1975
Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name:	Pyranol
B. Volume (Gal)	156
C. Weight (kg)	883

6. Equip. Description: 20/26.6/33 MVA Transformer, 138,000/
13,800
Location: Main Sub Station (East Side)
Serial Number: 293707
Manufacturer: Westinghouse
Date Purchased/
Placed in Service: 1967
Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Oil (Contaminated)*
B. Volume (Gal) 5,580
C. Weight (kg) 16,556.1

*Note: Oil is PCB contaminated at 53 ppm.

7. Equip. Description: 7.5 MVA Transformer, 138,000/13,800
Location: Main Sub Station (West Side)
Serial Number: FLR 47281
Manufacturer: Westinghouse
Date Purchased/
Placed in Service: 1967
Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Oil (Contaminated)*
B. Volume (Gal) 4,130
C. Weight (kg) 13,675.4

*Note: Oil is PCB contaminated at 160 ppm.

8. Equip. Description: 250 KVA Transformer, 138,000/460V
Location: Rolling Mill Sub Station
Serial Number: 1213025
Manufacturer: Westinghouse
Date Purchased/
Placed in Service: Unknown
Date Removed
from Service: Prior to 1981

Description of PCB Fluid:

A. Brand Name:	Inerteen
B. Volume (Gal)	229
C. Weight (kg)	740

9. Equip. Description: 2.5 KVAR Capacitor Assembly
Location: Main Sub Station (West Side)
Serial Number: 72111547
Manufacturer: Westinghouse
Date Purchased/
Placed in Service: 1976
Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name:	Inerteen
B. Volume (Gal)	.94
C. Weight (kg)	4.7

10. Equip. Description: 3 Furnace Switch Gear Capacitors
100 VAR, 14,400V

Location: "B" Furnace (Upper)

Serial Number: 7107-0111, 7107-0112, 7107-1933

Manufacturer: Westinghouse

Date Purchased/
Placed in Service: 1980

Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Inerteen

B. Volume (Gal) 2.65

C. Weight (kg) 13

11. Equip. Description: 3 Furnace Switch Gear Capacitors
100 VAR, 13,800V

Location: "B" Furnace (Lower)

Serial Number: L02-4130, L02-4146, L02-4124

Manufacturer: General Electric

Date Purchased/
Placed in Service: 1976

Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Pyranol

B. Volume (Gal) .5

C. Weight (kg) 2.5

12. Equip. Description: 3 Furnace Switch Gear Capacitors
100 VAR, 14,400V

Location: "A" Furnace (Upper)

Serial Number: No Nameplate on 2 Capacitors
7107-0113

Manufacturer: Westinghouse

Date Purchased/
Placed in Service: 1980

Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Inerteen

B. Volume (Gal) 2.73

C. Weight (kg) 13.5

13. Equip. Description: 3 Furnace Switch Gear Capacitors
100 VAR, 13,800V

Location: "A" Furnace (Lower)

Serial Number: C-54851, C-54862, C-54860

Manufacturer: General Electric

Date Purchased/
Placed in Service: 1967

Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Pyranol

B. Volume (Gal) .5

C. Weight (kg) 2.5

14. Equip. Description: 36 Mill Capacitors
15 KVAR, 2,400V

Location: Rolling Mill Sub Station

Serial Number: (South Cabinet) 50B525, 50B507,
50B506, 50B515, 50B516, 50B532,
50B531, 50B533, 50B534, 50B513,
50B514, 50B523

(Middle Cabinet) 50B528, 50B510,
50B512, 50B424, 50B522, 50B529,
50B517, 50B508, 50B504, 50B509,
50B521, 50B526

(North Cabinet) 51J108, 50E733,
50E763, 50E749, Remaining 8 are 50
Series, Serial #'s unknown.

Manufacturer: Westinghouse

Date Purchased/
Placed in Service: 1955

Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Inerteen

B. Volume (Gal) 1.72

C. Weight (kg) 8.3

15. Equip. Description: 31 Main Sub Capacitors
200 VAR, 7,960V

Location: Main Sub Station (North Bank)

Serial Number: (Top Bank) 7010-4539, 7010-2039,
7010-2034, 7010-2025, 7010-2383,
7010-2076, 7010-2048, 7010-2085,
7010-2088, 7010-2037

(Middle Bank) 7010-2142, 7010-2134,
7010-2333, 7010-2017, 7010-2087,
7010-2268, 7010-2344, 7010-2326,
7010-2091, 7010-2118

(Bottom Bank) 7010-2038, 7209-4523,
7010-2069, 7010-2197, 7010-2040,
7010-2042, 7010-2041, 7010-2152,
7010-2030, 7010-2184, 7010-2137

Manufacturer: Westinghouse

Date Purchased/
Placed in Service: 1967

Date Removed
from Service: 9/4/86 (4 Total - serial nos.
7010-2048, 7010-2085, 7010-
2333, 7010-2069)

Description of PCB Fluid:

A. Brand Name: Inerteen

B. Volume (Gal) 3.1

C. Weight (kg) 15.7

16. Equip. Description: 20 Main Sub Capacitors
200 VAR, 8,320V

Location: Main Sub Station (South Bank)

Serial Number: (Top Bank) 7601-0429, 7601-0391,
7601-0394, 7601-0414, 7601-0421,
7609-3018, 7604-1312, 7601-0402

(Middle Bank) 7601-0398, 7601-0388,
7601-0387, 7601-0424, 7601-0418

(Bottom Bank) 7601-0419, 7601-0428,
7601-0425, 7601-0422, 7601-1469,
7601-1466, 7601-0400

Manufacturer: Westinghouse

Date Purchased/
Placed in Service: 1976

Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Inerteen

B. Volume (Gal) 3.72

C. Weight (kg) 18.5

II

Summary of PCB Activity

ANNUAL SUMMARY OF POLYCHLORINATED BIPHENTHYS (PCBS) JANUARY 1, 1987-DECEMBER 31, 1987

MARION STEEL COMPANY, 912 CHENEY AVENUE, MARION OH., 43302
GENERATOR U.S. EPA ID NO. OH D032271975

[illegible]

III

Quarterly Inspection Report

Quarterly inspection reports are not available for this year.

IV

Supporting Documentation

- 1) Shipping Manifests
- 2) Certificates of Disposal
- 3) Correspondence

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. OH 032 271 975	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address Marion Steel Company 912 Cheney Avenue Marion, OH 43302				A. State Manifest Document Number 1847		
4. Generator's Phone (614) 383-4011				B. State Generator's ID		
5. Transporter 1 Company Name D & J Transportation Co.		6. US EPA ID Number NYD 083 658 646		C. State Transporter's ID		
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone (315) 475-5989		
9. Designated Facility Name and Site Address Environmental International Electrical Services, Inc. 1220 Wyoming Street Kansas City, MO 64101		10. US EPA ID Number MOD 980 973 556		E. State Transporter's ID		
				F. Transporter's Phone		
				G. State Facility's ID		
				H. Facility's Phone (816) 842-9148		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)				12. Containers	13. Total Quantity	14. Unit Wt/Vol
				No.	Type	Waste No.
a.	Y	Waste Polychlorinated Biphenyls OPM-E UN 2315 RQ + 15/10	4	DR	LBS 1,800	B011
b.						
c.						
d.						
J. Additional Descriptions for Materials Listed Above				K. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information EMC W.O. #10206 RTPC 1 and ER7076						

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

TRANSPORTER	17. Transporter 1 Acknowledgement of Receipt of Materials		Date
	Printed/Typed Name W. D. F. SMITH	Signature <i>W. D. F. Smith</i>	Month Day Year 7/27/87
FACILITY	18. Transporter 2 Acknowledgement of Receipt of Materials		Date
	Printed/Typed Name	Signature	Month Day Year
19. Discrepancy Indication Space 12A. TYPE CONTAINER IS DM, 11A YOU MUST INDICATE WHAT TYPE OF MATERIAL IS IN CONTAINERS, T.G.			
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.			
Printed/Typed Name TIM GUNN		Signature <i>Tim Gunn</i>	Date 13 Oct 87



ENVIRONMENTAL INTERNATIONAL ELECTRICAL SERVICES

AN ENVIROSURE COMPANY

3126 Brinkerhoff Road
Kansas City, Kansas 66115

Generator: Marion Steel Co.
912 Cheney Ave.
Address: Marion, OH 43302

Certificate of Destruction

ENVIRONMENTAL INTERNATIONAL ELECTRICAL SERVICES CERTIFIES THE FOLLOWING MATERIALS RECEIVED ON MANIFEST NO. 35780
WERE DISPOSED OF IN COMPLIANCE WITH EPA REGULATIONS ON _____
DAY OF See Below _____, 19____.

Disposal by incineration of three (3) DM capacitors shipped to National Electric, Inc., Coffeyville, KS (Pyrochem) on manifest #87113 on 5-4-87, destroyed 7-27-87.

Disposal by incineration of one (1) DM capacitors shipped to National Electric, Inc., Coffeyville, KS (Pyrochem) on manifest #87100 on 4-23-87, destroyed 7-22-87.

Signature: _____

Mark S. Liggatt

By: Mark S. Liggatt

Date: December 30, 1987 Title: Operations/Tech. Mgr.

V

PCB Annual Document

MARION STEEL COMPANY
912 CHENEY AVENUE
MARION OHIO 43302

EPA ID NO. OH 5032271975

PCS ANNUAL DOCUMENT SUMMARY IN ACCORDANCE WITH 761.180(a)(2)(iii),(iv),(v),(vi)
FOR REPORTING PERIOD JANUARY 1, 1987 DECEMBER 31, 1987

		REMOVED FROM SERVICE	IN STORAGE FOR DISPOSAL	IN TRANSPORT FOR DISPOSAL	IN SERVICE AT END OF YEAR
PCBs/PCB ITEMS IN CONTAINERS					
TOTAL WEIGHT(kg) ID OF CONTENTS	765.5 CAPACITORS	3/1/87	3/1/87	3/27/87	7 35101
					TOTAL NUMBER TOTAL WEIGHT(kg) OF PCBs IN TRANSFORMERS
PCB BULK WASTE					
TOTAL CAPACITY(gal)	N/A	N/A	N/A	N/A	
TOTAL WEIGHT(kg)					
PCB TRANSFORMERS					
TOTAL NUMBER	N/A	N/A	N/A	N/A	96
TOTAL WEIGHT(kg) OF PCBs IN TRANSFORMERS					1192
PCB CAPACITORS					
TOTAL NUMBER	4	3/1/87	3/1/87	3/27/87	
TOTAL WEIGHT(kg) OF PCBs IN CAPACITORS	62.8				

* 761.180(a)(2)(ii) SEE ANNUAL REPORT SECTION IV(1)
761.180(a)(2)(vii) DOES NOT APPLY TO THIS FACILITY
761.180(a)(2)(viii) SEE ANNUAL REPORT SECTION IV(3)

ANNUAL REPORT

OF

POLYCHLORINATED BIPHENYLS (PCB'S)

THE MARION STEEL COMPANY
912 CHENEY AVENUE
MARION, OHIO 43302
(614) 383-4011

FOR REPORTING PERIOD

JANUARY 1, 1986 - DECEMBER 31, 1986

REPORT REVISED DECEMBER 1, 1992

PREPARED BY: SCOTT CONWAY

GENERATOR U.S. EPA ID #

OH D032271975

TABLE OF CONTENTS

I	PCB Contaminated Electrical Equipment at Year Beginning
II	Summary of PCB Activity
III	Quarterly Inspection Report
IV	Supporting Documentation 1) Shipping Manifests 2) Certificates of Disposal 3) Correspondence
V	PCB Annual Document

I

PCB Contaminated
Electrical Equipment
at
Year Beginning

1. Equip. Description: 500 KVA Transformer, 13,800 - 480V
Location: Maintenance Building Sub Station
Serial Number: H-885865
Manufacturer: General Electric
Date Purchased/
Placed in Service: 1977
Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Pyranol
B. Volume (Gal) 112
C. Weight (kg) 631

2. Equip. Description: 2000 KVA Transformer, 13,800 - 480V
Location: Bag House Sub Station
Serial Number: H-884638
Manufacturer: General Electric
Date Purchased/
Placed in Service: 1976
Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Pyranol
B. Volume (Gal) 243
C. Weight (kg) 1384

3. Equip. Description: 1000 KVA Transformer, 13,800 - 480V
Location: #1 Unit (West) Melt Shop Sub Station
Serial Number: YBR-83871
Manufacturer: Westinghouse
Date Purchased/
Placed in Service: 1967
Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name:	Inerteen
B. Volume (Gal)	195
C. Weight (kg)	987

4. Equip. Description: 1000 KVA Transformer, 13,800 - 480V
Location: #2 Unit (East) Melt Shop Sub Station
Serial Number: YBR-83872
Manufacturer: Westinghouse
Date Purchased/
Placed in Service: 1967
Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name:	Inerteen
B. Volume (Gal)	195
C. Weight (kg)	984

5. Equip. Description: 1000 KVA Transformer, 13,800 - 480V
Location: Mill Building 480V Sub Station
Serial Number: H-887303
Manufacturer: General Electric
Date Purchased/
Placed in Service: 1975
Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name:	Pyranol
B. Volume (Gal)	156
C. Weight (kg)	883

6. Equip. Description: 20/26.6/33 MVA Transformer, 138,000/
13,800
Location: Main Sub Station (East Side)
Serial Number: 293707
Manufacturer: Westinghouse
Date Purchased/
Placed in Service: 1967
Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Oil (Contaminated)*
B. Volume (Gal) 5,580
C. Weight (kg) 16,556.1

*Note: Oil is PCB contaminated at 53 ppm.

7. Equip. Description: 7.5 MVA Transformer, 138,000/13,800
Location: Main Sub Station (West Side)
Serial Number: FLR 47281
Manufacturer: Westinghouse
Date Purchased/
Placed in Service: 1967
Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Oil (Contaminated)*
B. Volume (Gal) 4,130
C. Weight (kg) 13,675.4

*Note: Oil is PCB contaminated at 160 ppm.

8. Equip. Description: 250 KVA Transformer, 138,000/460V
Location: Rolling Mill Sub Station
Serial Number: 1213025
Manufacturer: Westinghouse
Date Purchased/
Placed in Service: Unknown
Date Removed
from Service: Prior to 1981

Description of PCB Fluid:

A. Brand Name:	Inerteen
B. Volume (Gal)	229
C. Weight (kg)	740

9. Equip. Description: 2.5 KVAR Capacitor Assembly
Location: Main Sub Station (West Side)
Serial Number: 72111547
Manufacturer: Westinghouse
Date Purchased/
Placed in Service: 1976
Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Inerteen
B. Volume (Gal) .94
C. Weight (kg) 4.7

10. Equip. Description: 3 Furnace Switch Gear Capacitors
100 VAR, 14,400V

Location: "B" Furnace (Upper)

Serial Number: 7107-0111, 7107-0112, 7107-1933

Manufacturer: Westinghouse

Date Purchased/
Placed in Service: 1980

Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Inerteen

B. Volume (Gal) 2.65

C. Weight (kg) 13

11. Equip. Description: 3 Furnace Switch Gear Capacitors
100 VAR, 13,800V

Location: "B" Furnace (Lower)

Serial Number: L02-4130, L02-4146, L02-4124

Manufacturer: General Electric

Date Purchased/
Placed in Service: 1976

Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Pyranol

B. Volume (Gal) .5

C. Weight (kg) 2.5

12. Equip. Description: 3 Furnace Switch Gear Capacitors
100 VAR, 14,400V

Location: "A" Furnace (Upper)

Serial Number: No Nameplate on 2 Capacitors
7107-0113

Manufacturer: Westinghouse

Date Purchased/
Placed in Service: 1980

Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Inerteen

B. Volume (Gal) 2.73

C. Weight (kg) 13.5

13. Equip. Description: 3 Furnace Switch Gear Capacitors
100 VAR, 13,800V

Location: "A" Furnace (Lower)

Serial Number: C-54851, C-54862, C-54860

Manufacturer: General Electric

Date Purchased/
Placed in Service: 1967

Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Pyranol

B. Volume (Gal) .5

C. Weight (kg) 2.5

14. Equip. Description: 36 Mill Capacitors
15 KVAR, 2,400V

Location: Rolling Mill Sub Station

Serial Number: (South Cabinet) 50B525, 50B507,
50B506, 50B515, 50B516, 50B532,
50B531, 50B533, 50B534, 50B513,
50B514, 50B523

(Middle Cabinet) 50B528, 50B510,
50B512, 50B424, 50B522, 50B529,
50B517, 50B508, 50B504, 50B509,
50B521, 50B526

(North Cabinet) 51J108, 50E733,
50E763, 50E749, Remaining 8 are 50
Series, Serial #'s unknown.

Manufacturer: Westinghouse

Date Purchased/
Placed in Service: 1955

Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Inerteen

B. Volume (Gal) 1.72

C. Weight (kg) 8.3

15. Equip. Description: 41 Main Sub Capacitors
200 VAR, 7,960V

Location: Main Sub Station (North Bank)

Serial Number: (Top Bank) 7010-2319, 7010-2322,
7010-4539, 7010-2039, 7010-2034,
7010-2025, 7010-2383, 7010-2076,
7010-2048, 7010-2316, 7010-2085,
7010-2088, 7010-2033, 7010-2037

(Middle Bank) 7010-2142, 7409-5392,
7409-1206, 7010-2057, 7010-2134,
7010-2333, 7010-2017, 7010-2087,
7010-2268, 7010-2344, 7010-2326,
7010-2091, 7010-2118

(Bottom Bank) 7010-2306, 7010-2325,
7010-2032, 7010-2038, 7209-4523,
7010-2069, 7010-2197, 7010-2040,
7010-2042, 7010-2041, 7010-2152,
7010-2030, 7010-2184, 7010-2137

Manufacturer: Westinghouse

Date Purchased/
Placed in Service: 1967

Date Removed
from Service: 8/1/86 (10 Total - serial nos.
7010-2319, 7010-2322, 7010-
2316, 7010-2033, 7049-5382,
7049-1206, 7010-2057, 7010-
2306, 7010-2325, 7010-2032)

Description of PCB Fluid:

A. Brand Name: Inerteen

B. Volume (Gal) 3.1

C. Weight (kg) 15.7

16. Equip. Description: 22 Main Sub Capacitors
200 VAR, 8,320V

Location: Main Sub Station (South Bank)

Serial Number: (Top Bank) 7601-0429, 7601-0391,
7601-0394, 7601-0414, 7601-0421,
7609-3018, 7604-1312, 7601-0402

(Middle Bank) 7601-0398, 7601-0388,
7601-0387, 7601-0424, 7601-0418

(Bottom Bank) 7601-0419, 7601-0428,
7601-0425, 7601-0422, 7601-1469,
7601-1467, 7601-1466, 7601-0386,
7601-0400

Manufacturer: Westinghouse

Date Purchased/
Placed in Service: 1976

Date Removed
from Service: 8/1/86 (2 Total - serial nos.
7601-1467, 7601-0386)

Description of PCB Fluid:

A. Brand Name: Inerteen

B. Volume (Gal) 3.72

C. Weight (kg) 18.5

II

Summary of PCB Activity

ANNUAL SUMMARY OF POLYCHLORINATED BIPHENYLS (PCBS) JANUARY 1, 1986-DECEMBER 31, 1986

MARION STEEL COMPANY, 912 CHENEY AVENUE, MARION OH., 43302
GENERATOR U.S. EPA ID NO. OH D032271975

[illegible]

III

Quarterly Inspection Report

Quarterly inspection reports are not available for this year.

IV

Supporting Documentation

- 1) Shipping Manifests
- 2) Certificates of Disposal
- 3) Correspondence

REPORT ANY UNRECOVERED DISCHARGE EQUAL TO OR IN EXCESS OF EACH HAZARDOUS WASTE ASSIGNED "RQ" VALUE TO NATIONAL RESPONSE CENTER

800-424-8802

REPORTABLE QUANTITY VALUE

1 = 5000 LBS. 4 = 10 LBS.
2 = 1000 LBS. 5 = 1 LB.
3 = 100 LBS.

CHEM TREC = 800-424-9300
EPA HOTLINE = 800-424-9346
CDC POISON CENTER = 404-635-5313
DOT = 202-426-1830

PLACARDS PROVIDED

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2000-0404. Expires 7-31-86

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. OHDO32271975		Manifest Document No. 03801		2. Page 1 of		Information in the shaded areas is not required by Federal law.					
3. Generator's Name and Mailing Address Marion Steel Company 912 Cheney Ave, Marion, Ohio 43302						A. State Manifest Document Number							
4. Generator's Phone (614) 43302 383-4011						B. State Generator's ID							
5. Transporter 1 Company Name Chicago Industrial Waste				6. US EPA ID Number ILD980794960		C. State Transporter's ID							
7. Transporter 2 Company Name				8. US EPA ID Number		D. Transporter's Phone 312-597-9500							
9. Designated Facility Name and Site Address Polychlorinated Biphenyls Inc. 2100 Wyandott Kansas City, MO 64108				10. US EPA ID Number IL00980633044		E. State Transporter's ID							
						F. Transporter's Phone							
						G. State Facility's ID							
						H. Facility's Phone 816-221-3660							
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers		13. Total Quantity		14. Unit Wt/Vol		15. Waste No.	
						No. Type							
						a.							
						b.							
						c.							
d.													
J. Additional Descriptions for Materials Listed Above						K. Handling Codes for Wastes Listed Above							
15. Special Handling Instructions and Additional Information													
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.													
Printed/Typed Name Robert C. Ogden						Signature <i>Robert C. Ogden</i>		Date Month Day Year 08 29 86					
17. Transporter 1 Acknowledgement of Receipt of Materials						Signature <i>Russ Schultz</i>		Date Month Day Year 08 29 86					
18. Transporter 2 Acknowledgement or Receipt of Materials						Signature		Date Month Day Year					
19. Discrepancy Indication Space													
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.						Date Month Day Year							
Printed/Typed Name						Signature		Date Month Day Year					

V

PCB Annual Document

MARION STEEL COMPANY
912 CRENEY AVENUE
MARION OHIO 43302

EPA ID NO. OH 0032271973

PCB ANNUAL DOCUMENT SUMMARY IN ACCORDANCE WITH 761.180(a)(2)(iii),(iv),(v),(vi)
FOR REPORTING PERIOD JANUARY 1, 1986 - DECEMBER 31, 1986

PCBs/PCB ITEMS IN CONTAINERS

TOTAL WEIGHT(kg)
ID OF CONTENTS

2918
CAPACITORS

PCB TRANSFORMERS
TOTAL NUMBER
TOTAL WEIGHT(kg) OF
PCBs IN TRANSFORMERS

7
35101

PCB BULK WASTE

TOTAL CAPACITY(gal)
TOTAL WEIGHT(kg)

N/A

N/A

N/A

PCB CAPACITORS

TOTAL NUMBER
TOTAL WEIGHT(kg) OF
PCBs IN CAPACITORS

100
1254.

PCB TRANSFORMERS

TOTAL NUMBER
TOTAL WEIGHT(kg) OF
PCBs IN TRANSFORMERS

N/A

N/A

N/A

PCB CAPACITORS

TOTAL NUMBER
TOTAL WEIGHT(kg) OF
PCBs IN CAPACITORS

12
194

3/1/86

8/29/86

* 761.180(a)(2)(ii) - SEE ANNUAL REPORT SECTION IV(1)
761.180(a)(2)(vii) DOES NOT APPLY TO THIS FACILITY
761.180(a)(2)(viii) SEE ANNUAL REPORT SECTION IV(3)

ANNUAL REPORT

OF

POLYCHLORINATED BIPHENYLS (PCB'S)

THE MARION STEEL COMPANY
912 CHENEY AVENUE
MARION, OHIO 43302
(614) 383-4011

FOR REPORTING PERIOD

JANUARY 1, 1985 - DECEMBER 31, 1985

REPORT REVISED DECEMBER 1, 1992

PREPARED BY: SCOTT CONWAY

GENERATOR U.S. EPA ID #

OH D032271975

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I

PCB Contaminated
Electrical Equipment
at
Year Beginning

1. Equip. Description: 500 KVA Transformer, 13,800 - 480V
Location: Maintenance Building Sub Station
Serial Number: H-885865
Manufacturer: General Electric
Date Purchased/
Placed in Service: 1977
Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Pyranol
B. Volume (Gal) 112
C. Weight (kg) 631

2. Equip. Description: 2000 KVA Transformer, 13,800 - 480V
Location: Bag House Sub Station
Serial Number: H-884638
Manufacturer: General Electric
Date Purchased/
Placed in Service: 1976
Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Pyranol
B. Volume (Gal) 243
C. Weight (kg) 1384

3. Equip. Description: 1000 KVA Transformer, 13,800 - 480V
Location: #1 Unit (West) Melt Shop Sub Station
Serial Number: YBR-83871
Manufacturer: Westinghouse
Date Purchased/
Placed in Service: 1967
Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name:	Inerteen
B. Volume (Gal)	195
C. Weight (kg)	987

4. Equip. Description: 1000 KVA Transformer, 13,800 - 480V
Location: #2 Unit (East) Melt Shop Sub Station
Serial Number: YBR-83872
Manufacturer: Westinghouse
Date Purchased/
Placed in Service: 1967
Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Inerteen
B. Volume (Gal) 195
C. Weight (kg) 984

5. Equip. Description: 1000 KVA Transformer, 13,800 - 480V
Location: Mill Building 480V Sub Station
Serial Number: H-887303
Manufacturer: General Electric
Date Purchased/
Placed in Service: 1975
Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Pyranol
B. Volume (Gal) 156
C. Weight (kg) 883

6. Equip. Description: 20/26.6/33 MVA Transformer, 138,000/
13,800

Location: Main Sub Station (East Side)

Serial Number: 293707

Manufacturer: Westinghouse

Date Purchased/
Placed in Service: 1967

Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Oil (Contaminated)*

B. Volume (Gal) 5,580

C. Weight (kg) 16,556.1

*Note: Oil is PCB contaminated at 53 ppm.

7. Equip. Description: 7.5 MVA Transformer, 138,000/13,800
Location: Main Sub Station (West Side)
Serial Number: FLR 47281
Manufacturer: Westinghouse
Date Purchased/
Placed in Service: 1967
Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Oil (Contaminated)*
B. Volume (Gal) 4,130
C. Weight (kg) 13,675.4

*Note: Oil is PCB contaminated at 160 ppm.

8. Equip. Description: 250 KVA Transformer, 138,000/460V
Location: Rolling Mill Sub Station
Serial Number: 1213025
Manufacturer: Westinghouse
Date Purchased/
Placed in Service: Unknown
Date Removed
from Service: Prior to 1981

Description of PCB Fluid:

A. Brand Name:	Inerteen
B. Volume (Gal)	229
C. Weight (kg)	740

9. Equip. Description: 2.5 KVAR Capacitor Assembly
Location: Main Sub Station (West Side)
Serial Number: 72111547
Manufacturer: Westinghouse
Date Purchased/
Placed in Service: 1976
Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Inerteen
B. Volume (Gal) .94
C. Weight (kg) 4.7

10. Equip. Description: 3 Furnace Switch Gear Capacitors
100 VAR, 14,400V

Location: "B" Furnace (Upper)

Serial Number: 7107-0111, 7107-0112, 7107-1933

Manufacturer: Westinghouse

Date Purchased/
Placed in Service: 1980

Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Inerteen

B. Volume (Gal) 2.65

C. Weight (kg) 13

11. Equip. Description: 3 Furnace Switch Gear Capacitors
100 VAR, 13,800V

Location: "B" Furnace (Lower)

Serial Number: L02-4130, L02-4146, L02-4124

Manufacturer: General Electric

Date Purchased/
Placed in Service: 1976

Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Pyranol

B. Volume (Gal) .5

C. Weight (kg) 2.5

12. Equip. Description: 3 Furnace Switch Gear Capacitors
100 VAR, 14,400V

Location: "A" Furnace (Upper)

Serial Number: No Nameplate on 2 Capacitors
7107-0113

Manufacturer: Westinghouse

Date Purchased/
Placed in Service: 1980

Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Inerteen

B. Volume (Gal) 2.73

C. Weight (kg) 13.5

13. Equip. Description: 3 Furnace Switch Gear Capacitors
100 VAR, 13,800V

Location: "A" Furnace (Lower)

Serial Number: C-54851, C-54862, C-54860

Manufacturer: General Electric

Date Purchased/
Placed in Service: 1967

Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Pyranol

B. Volume (Gal) .5

C. Weight (kg) 2.5

14. Equip. Description: 36 Mill Capacitors
15 KVAR, 2,400V

Location: Rolling Mill Sub Station

Serial Number: (South Cabinet) 50B525, 50B507,
50B506, 50B515, 50B516, 50B532,
50B531, 50B533, 50B534, 50B513,
50B514, 50B523

(Middle Cabinet) 50B528, 50B510,
50B512, 50B424, 50B522, 50B529,
50B517, 50B508, 50B504, 50B509,
50B521, 50B526

(North Cabinet) 51J108, 50E733,
50E763, 50E749, Remaining 8 are 50
Series, Serial #'s unknown.

Manufacturer: Westinghouse

Date Purchased/
Placed in Service: 1955

Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Inerteen

B. Volume (Gal) 1.72

C. Weight (kg) 8.3

15. Equip. Description: 41 Main Sub Capacitors
200 VAR, 7,960V

Location: Main Sub Station (North Bank)

Serial Number: (Top Bank) 7010-2319, 7010-2322,
7010-4539, 7010-2039, 7010-2034,
7010-2025, 7010-2383, 7010-2076,
7010-2048, 7010-2316, 7010-2085,
7010-2088, 7010-2033, 7010-2037

(Middle Bank) 7010-2142, 7409-5392,
7409-1206, 7010-2057, 7010-2134,
7010-2333, 7010-2017, 7010-2087,
7010-2268, 7010-2344, 7010-2326,
7010-2091, 7010-2118

(Bottom Bank) 7010-2306, 7010-2325,
7010-2032, 7010-2038, 7209-4523,
7010-2069, 7010-2197, 7010-2040,
7010-2042, 7010-2041, 7010-2152,
7010-2030, 7010-2184, 7010-2137

Manufacturer: Westinghouse

Date Purchased/
Placed in Service: 1967

Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Inerteen

B. Volume (Gal) 3.1

C. Weight (kg) 15.7

16. Equip. Description: 22 Main Sub Capacitors
200 VAR, 8,320V

Location: Main Sub Station (South Bank)

Serial Number: (Top Bank) 7601-0429, 7601-0391,
7601-0394, 7601-0414, 7601-0421,
7609-3018, 7604-1312, 7601-0402

(Middle Bank) 7601-0398, 7601-0388,
7601-0387, 7601-0424, 7601-0418

(Bottom Bank) 7601-0419, 7601-0428,
7601-0425, 7601-0422, 7601-1469,
7601-1467, 7601-1466, 7601-0386,
7601-0400

Manufacturer: Westinghouse

Date Purchased/
Placed in Service: 1976

Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Inerteen

B. Volume (Gal) 3.72

C. Weight (kg) 18.5

II

Summary of PCB Activity

There was no PCB activity during this reporting year.

III

Quarterly Inspection Report

Quarterly inspection reports are not available for this year.

IV

Supporting Documentation

- 1) Shipping Manifests
- 2) Certificates of Disposal
- 3) Correspondence

No information necessary.

V

PCB Annual Document

EPA ID NO. OH D032271975

MARION STEEL COMPANY
912 CHENEY AVENUE
MARION OHIO 43302

PCB ANNUAL DOCUMENT SUMMARY IN ACCORDANCE WITH 761.180(a)(2)(iii),(iv),(v),(vi)
FOR REPORTING PERIOD JANUARY 1, 1985 - DECEMBER 31, 1985

REMOVED FROM SERVICE IN STORAGE FOR DISPOSAL IN TRANSPORT FOR DISPOSAL IN SERVICE AT END OF YEAR

PCBs/PCB ITEMS IN CONTAINERS

PCB TRANSFORMERS
TOTAL NUMBER
TOTAL WEIGHT(kg) OF
PCBs IN TRANSFORMER

N/A
TOTAL WEIGHT(kg)
ID OF CONTENTS

N/A

N/A

N/A

PCB BULK WASTE

PCB CAPACITORS

N/A
TOTAL CAPACITY(gal)
TOTAL WEIGHT(kg)

N/A

N/A

N/A

PCB TRANSFORMERS

PCB CAPACITORS

N/A
TOTAL NUMBER
TOTAL WEIGHT(kg) OF
PCBs IN TRANSFORMERS

N/A

N/A

N/A

PCB CAPACITORS

PCB CAPACITORS

0
TOTAL NUMBER
TOTAL WEIGHT(kg) OF
PCBs IN CAPACITORS

N/A

N/A

N/A

* 761.180(a)(2)(iii) - SEE ANNUAL REPORT SECTION IV(1)
761.180(a)(2)(vii) DOES NOT APPLY TO THIS FACILITY
761.180(a)(2)(viii) - SEE ANNUAL REPORT SECTION IV(3)

ANNUAL REPORT

OF

POLYCHLORINATED BIPHENYLS (PCB'S)

THE MARION STEEL COMPANY
912 CHENEY AVENUE
MARION, OHIO 43302
(614) 383-4011

FOR REPORTING PERIOD

JANUARY 1, 1984 - DECEMBER 31, 1984

REPORT REVISED DECEMBER 1, 1992

PREPARED BY: SCOTT CONWAY

GENERATOR U.S. EPA ID #

OH D032271975

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I

PCB Contaminated
Electrical Equipment
at
Year Beginning

1. Equip. Description: 500 KVA Transformer, 13,800 - 480V
Location: Maintenance Building Sub Station
Serial Number: H-885865
Manufacturer: General Electric
Date Purchased/
Placed in Service: 1977
Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Pyranol
B. Volume (Gal) 112
C. Weight (kg) 631

2. Equip. Description: 2000 KVA Transformer, 13,800 - 480V
Location: Bag House Sub Station
Serial Number: H-884638
Manufacturer: General Electric
Date Purchased/
Placed in Service: 1976
Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name:	Pyranol
B. Volume (Gal)	243
C. Weight (kg)	1384

3. Equip. Description: 1000 KVA Transformer, 13,800 - 480V
Location: #1 Unit (West) Melt Shop Sub Station
Serial Number: YBR-83871
Manufacturer: Westinghouse
Date Purchased/
Placed in Service: 1967
Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name:	Inerteen
B. Volume (Gal)	195
C. Weight (kg)	987

4. Equip. Description: 1000 KVA Transformer, 13,800 - 480V
Location: #2 Unit (East) Melt Shop Sub Station
Serial Number: YBR-83872
Manufacturer: Westinghouse
Date Purchased/
Placed in Service: 1967
Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name:	Inerteen
B. Volume (Gal)	195
C. Weight (kg)	984

5. Equip. Description: 1000 KVA Transformer, 13,800 - 480V
Location: Mill Building 480V Sub Station
Serial Number: H-887303
Manufacturer: General Electric
Date Purchased/
Placed in Service: 1975
Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name:	Pyranol
B. Volume (Gal)	156
C. Weight (kg)	883

6. Equip. Description: 20/26.6/33 MVA Transformer, 138,000/
13,800

Location: Main Sub Station (East Side)

Serial Number: 293707

Manufacturer: Westinghouse

Date Purchased/
Placed in Service: 1967

Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Oil (Contaminated)*

B. Volume (Gal) 5,580

C. Weight (kg) 16,556.1

*Note: Oil is PCB contaminated at 53 ppm.

7. Equip. Description: 7.5 MVA Transformer, 138,000/13,800
Location: Main Sub Station (West Side)
Serial Number: FLR 47281
Manufacturer: Westinghouse
Date Purchased/
Placed in Service: 1967
Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Oil (Contaminated)*
B. Volume (Gal) 4,130
C. Weight (kg) 13,675.4

*Note: Oil is PCB contaminated at 160 ppm.

8. Equip. Description: 250 KVA Transformer, 138,000/460V
Location: Rolling Mill Sub Station
Serial Number: 1213025
Manufacturer: Westinghouse
Date Purchased/
Placed in Service: Unknown
Date Removed
from Service: Prior to 1981

Description of PCB Fluid:

A. Brand Name:	Inerteen
B. Volume (Gal)	229
C. Weight (kg)	740

9. Equip. Description: 2.5 KVAR Capacitor Assembly
Location: Main Sub Station (West Side)
Serial Number: 72111547
Manufacturer: Westinghouse
Date Purchased/
Placed in Service: 1976
Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name:	Inerteen
B. Volume (Gal)	.94
C. Weight (kg)	4.7

10. Equip. Description: 3 Furnace Switch Gear Capacitors
100 VAR, 14,400V

Location: "B" Furnace (Upper)

Serial Number: 7107-0111, 7107-0112, 7107-1933

Manufacturer: Westinghouse

Date Purchased/
Placed in Service: 1980

Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Inerteen

B. Volume (Gal) 2.65

C. Weight (kg) 13

11. Equip. Description: 3 Furnace Switch Gear Capacitors
100 VAR, 13,800V

Location: "B" Furnace (Lower)

Serial Number: L02-4130, L02-4146, L02-4124

Manufacturer: General Electric

Date Purchased/
Placed in Service: 1976

Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Pyranol

B. Volume (Gal) .5

C. Weight (kg) 2.5

12. Equip. Description: 3 Furnace Switch Gear Capacitors
100 VAR, 14,400V

Location: "A" Furnace (Upper)

Serial Number: No Nameplate on 2 Capacitors
7107-0113

Manufacturer: Westinghouse

Date Purchased/
Placed in Service: 1980

Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Inerteen

B. Volume (Gal) 2.73

C. Weight (kg) 13.5

13. Equip. Description: 3 Furnace Switch Gear Capacitors
100 VAR, 13,800V

Location: "A" Furnace (Lower)

Serial Number: C-54851, C-54862, C-54860

Manufacturer: General Electric

Date Purchased/
Placed in Service: 1967

Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Pyranol

B. Volume (Gal) .5

C. Weight (kg) 2.5

14. Equip. Description: 36 Mill Capacitors
15 KVAR, 2,400V

Location: Rolling Mill Sub Station

Serial Number: (South Cabinet) 50B525, 50B507,
50B506, 50B515, 50B516, 50B532,
50B531, 50B533, 50B534, 50B513,
50B514, 50B523

(Middle Cabinet) 50B528, 50B510,
50B512, 50B424, 50B522, 50B529,
50B517, 50B508, 50B504, 50B509,
50B521, 50B526

(North Cabinet) 51J108, 50E733,
50E763, 50E749, Remaining 8 are 50
Series, Serial #'s unknown.

Manufacturer: Westinghouse

Date Purchased/
Placed in Service: 1955

Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Inerteen

B. Volume (Gal) 1.72

C. Weight (kg) 8.3

15. Equip. Description: 41 Main Sub Capacitors
200 VAR, 7,960V

Location: Main Sub Station (North Bank)

Serial Number: (Top Bank) 7010-2319, 7010-2322,
7010-4539, 7010-2039, 7010-2034,
7010-2025, 7010-2383, 7010-2076,
7010-2048, 7010-2316, 7010-2085,
7010-2088, 7010-2033, 7010-2037

(Middle Bank) 7010-2142, 7409-5392,
7409-1206, 7010-2057, 7010-2134,
7010-2333, 7010-2017, 7010-2087,
7010-2268, 7010-2344, 7010-2326,
7010-2091, 7010-2118

(Bottom Bank) 7010-2306, 7010-2325,
7010-2032, 7010-2038, 7209-4523,
7010-2069, 7010-2197, 7010-2040,
7010-2042, 7010-2041, 7010-2152,
7010-2030, 7010-2184, 7010-2137

Manufacturer: Westinghouse

Date Purchased/
Placed in Service: 1967

Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Inerteen

B. Volume (Gal) 3.1

C. Weight (kg) 15.7

16. Equip. Description: 22 Main Sub Capacitors
200 VAR, 8,320V

Location: Main Sub Station (South Bank)

Serial Number: (Top Bank) 7601-0429, 7601-0391,
7601-0394, 7601-0414, 7601-0421,
7609-3018, 7604-1312, 7601-0402

(Middle Bank) 7601-0398, 7601-0388,
7601-0387, 7601-0424, 7601-0418

(Bottom Bank) 7601-0419, 7601-0428,
7601-0425, 7601-0422, 7601-1469,
7601-1467, 7601-1466, 7601-0386,
7601-0400

Manufacturer: Westinghouse

Date Purchased/
Placed in Service: 1976

Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Inerteen

B. Volume (Gal) 3.72

C. Weight (kg) 18.5

II

Summary of PCB Activity

There was no PCB activity during this reporting year.

III

Quarterly Inspection Report

Quarterly inspection reports are not available for this year.

IV

Supporting Documentation

- 1) Shipping Manifests
- 2) Certificates of Disposal
- 3) Correspondence

No information necessary.

v

PCB Annual Document

MARION STEEL COMPANY
912 CHENEY AVENUE
MARION OHIO 43302

EPA ID NO. OH D032271975

PCB ANNUAL DOCUMENT SUMMARY IN ACCORDANCE WITH 761.180(a)(2)(iii),(iv),(v),(vi)
FOR REPORTING PERIOD JANUARY 1, 1984 - DECEMBER 31, 1984

	REMOVED FROM SERVICE	IN STORAGE FOR DISPOSAL	IN TRANSPORT FOR DISPOSAL	IN SERVICE AT END OF YEAR
PCBs/PCB ITEMS IN CONTAINERS				
TOTAL WEIGHT(kg) ID OF CONTENTS	N/A	N/A	N/A	PCB TRANSFORMERS TOTAL NUMBER TOTAL WEIGHT(kg) OF PCBs IN TRANSFORMERS
PCB BULK WASTE				
TOTAL CAPACITY(gal) TOTAL WEIGHT(kg)	N/A	N/A	N/A	PCB CAPACITORS TOTAL NUMBER TOTAL WEIGHT(kg) OF PCBs IN CAPACITORS
PCB TRANSFORMERS				
TOTAL NUMBER TOTAL WEIGHT(kg) OF PCBs IN TRANSFORMERS	N/A	N/A	N/A	
PCB CAPACITORS				
TOTAL NUMBER TOTAL WEIGHT(kg) OF PCBs IN CAPACITORS	N/A	N/A	N/A	

* 761.180(a)(2)(ii) - SEE ANNUAL DOCUMENT SECTION IV(1)
761.180(a)(2)(vii) DOES NOT APPLY TO THIS FACILITY
761.180(a)(2)(viii) - SEE ANNUAL REPORT SECTION IV(3)

ANNUAL REPORT

OF

POLYCHLORINATED BIPHENYLS (PCB'S)

THE MARION STEEL COMPANY
912 CHENEY AVENUE
MARION, OHIO 43302
(614) 383-4011

FOR REPORTING PERIOD

JANUARY 1, 1983 - DECEMBER 31, 1983

REPORT REVISED DECEMBER 1, 1992

PREPARED BY: SCOTT CONWAY

GENERATOR U.S. EPA ID #

OH D032271975

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I

PCB Contaminated
Electrical Equipment
at
Year Beginning

1. Equip. Description: 500 KVA Transformer, 13,800 - 480V
Location: Maintenance Building Sub Station
Serial Number: H-885865
Manufacturer: General Electric
Date Purchased/
Placed in Service: 1977
Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name:	Pyranol
B. Volume (Gal)	112
C. Weight (kg)	631

2. Equip. Description: 2000 KVA Transformer, 13,800 - 480V
Location: Bag House Sub Station
Serial Number: H-884638
Manufacturer: General Electric
Date Purchased/
Placed in Service: 1976
Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Pyranol
B. Volume (Gal) 243
C. Weight (kg) 1384

3. Equip. Description: 1000 KVA Transformer, 13,800 - 480V
Location: #1 Unit (West) Melt Shop Sub Station
Serial Number: YBR-83871
Manufacturer: Westinghouse
Date Purchased/
Placed in Service: 1967
Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Inerteen
B. Volume (Gal) 195
C. Weight (kg) 987

4. Equip. Description: 1000 KVA Transformer, 13,800 - 480V
Location: #2 Unit (East) Melt Shop Sub Station
Serial Number: YBR-83872
Manufacturer: Westinghouse
Date Purchased/
Placed in Service: 1967
Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Inerteen
B. Volume (Gal) 195
C. Weight (kg) 984

5. Equip. Description: 1000 KVA Transformer, 13,800 - 480V
Location: Mill Building 480V Sub Station
Serial Number: H-887303
Manufacturer: General Electric
Date Purchased/
Placed in Service: 1975
Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name:	Pyranol
B. Volume (Gal)	156
C. Weight (kg)	883

6. Equip. Description: 20/26.6/33 MVA Transformer, 138,000/
13,800
Location: Main Sub Station (East Side)
Serial Number: 293707
Manufacturer: Westinghouse
Date Purchased/
Placed in Service: 1967
Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Oil (Contaminated)*
B. Volume (Gal) 5,580
C. Weight (kg) 16,556.1

*Note: Oil is PCB contaminated at 53 ppm.

7. Equip. Description: 7.5 MVA Transformer, 138,000/13,800
Location: Main Sub Station (West Side)
Serial Number: FLR 47281
Manufacturer: Westinghouse
Date Purchased/
Placed in Service: 1967
Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Oil (Contaminated)*
B. Volume (Gal) 4,130
C. Weight (kg) 13,675.4

*Note: Oil is PCB contaminated at 160 ppm.

8. Equip. Description: 250 KVA Transformer, 138,000/460V
Location: Rolling Mill Sub Station
Serial Number: 1213025
Manufacturer: Westinghouse
Date Purchased/
Placed in Service: Unknown
Date Removed
from Service: Prior to 1981

Description of PCB Fluid:

A. Brand Name:	Inerteen
B. Volume (Gal)	229
C. Weight (kg)	740

9. Equip. Description: 2.5 KVAR Capacitor Assembly
Location: Main Sub Station (West Side)
Serial Number: 72111547
Manufacturer: Westinghouse
Date Purchased/
Placed in Service: 1976
Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Inerteen
B. Volume (Gal) .94
C. Weight (kg) 4.7

10. Equip. Description: 3 Furnace Switch Gear Capacitors
100 VAR, 14,400V

Location: "B" Furnace (Upper)

Serial Number: 7107-0111, 7107-0112, 7107-1933

Manufacturer: Westinghouse

Date Purchased/
Placed in Service: 1980

Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Inerteen

B. Volume (Gal) 2.65

C. Weight (kg) 13

11. Equip. Description: 3 Furnace Switch Gear Capacitors
100 VAR, 13,800V

Location: "B" Furnace (Lower)

Serial Number: L02-4130, L02-4146, L02-4124

Manufacturer: General Electric

Date Purchased/
Placed in Service: 1976

Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Pyranol

B. Volume (Gal) .5

C. Weight (kg) 2.5

12. Equip. Description: 3 Furnace Switch Gear Capacitors
100 VAR, 14,400V

Location: "A" Furnace (Upper)

Serial Number: No Nameplate on 2 Capacitors
7107-0113

Manufacturer: Westinghouse

Date Purchased/
Placed in Service: 1980

Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Inerteen

B. Volume (Gal) 2.73

C. Weight (kg) 13.5

13. Equip. Description: 3 Furnace Switch Gear Capacitors
100 VAR, 13,800V

Location: "A" Furnace (Lower)

Serial Number: C-54851, C-54862, C-54860

Manufacturer: General Electric

Date Purchased/
Placed in Service: 1967

Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Pyranol

B. Volume (Gal) .5

C. Weight (kg) 2.5

14. Equip. Description: 36 Mill Capacitors
15 KVAR, 2,400V

Location: Rolling Mill Sub Station

Serial Number: (South Cabinet) 50B525, 50B507,
50B506, 50B515, 50B516, 50B532,
50B531, 50B533, 50B534, 50B513,
50B514, 50B523

(Middle Cabinet) 50B528, 50B510,
50B512, 50B424, 50B522, 50B529,
50B517, 50B508, 50B504, 50B509,
50B521, 50B526

(North Cabinet) 51J108, 50E733,
50E763, 50E749, Remaining 8 are 50
Series, Serial #'s unknown.

Manufacturer: Westinghouse

Date Purchased/
Placed in Service: 1955

Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Inerteen

B. Volume (Gal) 1.72

C. Weight (kg) 8.3

15. Equip. Description: 41 Main Sub Capacitors
200 VAR, 7,960V

Location: Main Sub Station (North Bank)

Serial Number: (Top Bank) 7010-2319, 7010-2322,
7010-4539, 7010-2039, 7010-2034,
7010-2025, 7010-2383, 7010-2076,
7010-2048, 7010-2316, 7010-2085,
7010-2088, 7010-2033, 7010-2037

(Middle Bank) 7010-2142, 7409-5392,
7409-1206, 7010-2057, 7010-2134,
7010-2333, 7010-2017, 7010-2087,
7010-2268, 7010-2344, 7010-2326,
7010-2091, 7010-2118

(Bottom Bank) 7010-2306, 7010-2325,
7010-2032, 7010-2038, 7209-4523,
7010-2069, 7010-2197, 7010-2040,
7010-2042, 7010-2041, 7010-2152,
7010-2030, 7010-2184, 7010-2137

Manufacturer: Westinghouse

Date Purchased/
Placed in Service: 1967

Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Inerteen

B. Volume (Gal) 3.1

C. Weight (kg) 15.7

16. Equip. Description: 22 Main Sub Capacitors
200 VAR, 8,320V

Location: Main Sub Station (South Bank)

Serial Number: (Top Bank) 7601-0429, 7601-0391,
7601-0394, 7601-0414, 7601-0421,
7609-3018, 7604-1312, 7601-0402

(Middle Bank) 7601-0398, 7601-0388,
7601-0387, 7601-0424, 7601-0418

(Bottom Bank) 7601-0419, 7601-0428,
7601-0425, 7601-0422, 7601-1469,
7601-1467, 7601-1466, 7601-0386,
7601-0400

Manufacturer: Westinghouse

Date Purchased/
Placed in Service: 1976

Date Removed
from Service: N/A

Description of PCB Fluid:

A. Brand Name: Inerteen

B. Volume (Gal) 3.72

C. Weight (kg) 18.5

II

Summary of PCB Activity

There was no PCB activity during this reporting year.

III

Quarterly Inspection Report

Quarterly inspection reports are not available for this year.

IV

Supporting Documentation

- 1) Shipping Manifests
- 2) Certificates of Disposal
- 3) Correspondence

No information necessary.

V

PCB Annual Document

MARION STEEL COMPANY
912 CHENEY AVENUE
MARION OHIO 43002

EPA ID NO. OH 2032271975

PCB ANNUAL DOCUMENT SUMMARY IN ACCORDANCE WITH 761.180(a)(2)(iii), (iv), (v), (vi)
FOR REPORTING PERIOD JANUARY 1, 1983 - DECEMBER 31, 1983

PCBs/PCB ITEMS IN CONTAINERS	REMOVED FROM SERVICE	IN STORAGE FOR DISPOSAL	IN TRANSPORT FOR DISPOSAL	IN SERVICE AT END OF YEAR
TOTAL WEIGHT(kg) ID OF CONTENTS	N/A	N/A	N/A	PCB TRANSFORMERS
PCB BULK WASTE	N/A	N/A	N/A	TOTAL NUMBER TOTAL WEIGHT(kg) OF PCBs IN TRANSFORMERS
TOTAL CAPACITY(gal) TOTAL WEIGHT(kg)	N/A	N/A	N/A	7 35101
PCB TRANSFORMERS	N/A	N/A	N/A	PCB CAPACITORS
TOTAL NUMBER TOTAL WEIGHT(kg) OF PCBs IN TRANSFORMERS	N/A	N/A	N/A	TOTAL NUMBER TOTAL WEIGHT(kg) OF PCBs IN CAPACITORS
PCB CAPACITORS	N/A	N/A	N/A	112 1448
TOTAL NUMBER TOTAL WEIGHT(kg) OF PCBs IN CAPACITORS	N/A	N/A	N/A	

* 761.180(a)(2)(iii) - SEE ANNUAL REPORT SECTION IV(1)
761.180(a)(2)(vii) DOES NOT APPLY TO THIS FACILITY
761.180(a)(2)(viii) - SEE ANNUAL REPORT SECTION IV(3)

ATTACHMENT E

Photos
Pending

ATTACHMENT F



State of Ohio Environmental Protection Agency

P.O. Box 1049, 1800 WaterMark Dr.
Columbus, Ohio 43266-0149



Richard F. Celeste
Governor

July 21, 1989

Mr. Scott D. Conway, Plant Engineer
Marion Steel Company
912 Cheney Avenue
Marion, Ohio 43302

Dear Mr. Conway,

On July 7, 1989 samples were taken during a PCB compliance inspection. Sample results received by Ohio EPA indicate PCB contamination of 86,000 ppm exists under the south capacitor bank in the main substation in an oil stained area. On July 13, 1989 I sent material to you pertaining to Ohio EPA's PCB regulations which included a copy of the National Spill Policy. Contamination should be cleaned up, disposed of and documented in accordance with this policy. Within 48 hours of receiving this notice, cleanup should be initiated to achieve the specified standards:

Outdoor Electrical Substations:

Solid Surfaces: 100 ug/100 cm²
Soil: 25 ppm

Enclosed is a copy of the sample analyses results. If I can be of any further assistance pertaining to this matter please contact me at (614) 644-2260. Thank you for your cooperation.

Sincerely,

Charlotte E. Hammar



State of Ohio Environmental Protection Agency

P.O. Box 1049, 1800 WaterMark Dr.
Columbus, Ohio 43266-0149
(614) 644-3020
FAX (614) 644-2329

George V. Voinovich
Governor

Donald R. Schregardus
Director

Scott Conway
Plant Manager
Marion Steel Company
912 Cheney Avenue
Marion, Ohio 43302

CERTIFIED MAIL
January 12, 1993

Dear Mr. Conway:

I received your facility's response to the Field Citation issued during a PCB compliance inspection conducted November 30 and December 1, 1992 at Marion Steel Company. In your cover letter you requested a response to the information forwarded to Ohio EPA plus clarification regarding the manifesting regulations under 40 CFR Section 761.211. Whether or not the information is acceptable to me, it must also undergo U.S. EPA's review before any final decision can be made on the outcome of the inspection.

The regulations governing the proper manifesting of PCB waste can be found at 40 CFR Section 761.211. In December of 1989, U.S. EPA amended the PCB regulations to include the requirement to manifest all PCB shipments. All facilities engaged in PCB storage, transportation, and commercial storage and disposal, were required to file a "Notification of PCB Activity" with U.S. EPA in Washington (I have enclosed a copy of this one-page form for your reference). Facilities subject to the PCB storage area regulations must receive an authorized generator identification number to manifest their PCB waste. This notification is separate from the hazardous waste notification since PCBs are not regulated under the Resource Conservation and Recovery Act (RCRA), but rather under the Toxic Substance Control Act (TSCA). Facilities may use their RCRA issued identification number to manifest PCB waste, however, notification under TSCA is still required. A shipment of PCBs which is not manifested with the proper generator identification number is considered unmanifested because it cannot be tracked under the TSCA system. I have enclosed with this letter a copy of the Federal Register notice on the Notification and Manifesting rule. If you would like further clarification or interpretation of this rule you may contact Tony Martig of U.S. EPA Region V at (312) 353-2291.

I have also reviewed your facility's reconstructed Annual PCB Document Logs. The format was acceptable, however, I did note a few minor discrepancies. In August of 1989, your facility disposed of an Askarel-filled PCB transformer (from the Rolling Mill). This transformer is not noted on the documents as being in storage prior to its disposal, however, it is noted that the transformer was taken out of service prior to 1981.

Scott Conway, Plant Manager
Marion Steel Company
Page 2

In addition, your facility summarizes on each document the number of PCB transformers in service at the end of the year. Only transformers greater than 500 ppm PCB are considered to be "PCB". Transformers between 50 and 500 ppm PCB are considered to be "PCB-contaminated" and are subject to less stringent requirements. Your facility considered both PCB and PCB-contaminated transformers as being "PCB". Although this is a common misconception, it is to your facility's benefit to distinguish between the two categories. Please refer to 40 CFR Section 761.3 under the definition of "PCB Transformer" and "PCB-Contaminated Electrical Equipment" for further information.

Finally, I reviewed the material you forwarded on the PCB capacitor spill in the Main substation. According to the documentation, there was no evidence of follow-up sampling to achieve the required cleanup levels. The last sample taken of the spill area indicated that 210 ppm PCB still remained.

According to the U.S. EPA PCB Spill Cleanup Policy at 40 CFR Section 761.125(c)(2), high concentration PCB spills in outdoor electrical substations must be cleaned to 25 ppm PCBs in soils or, at the option of the responsible party, cleaned to 50 ppm PCB provided that a label or notice is visibly placed in the area. Any alternative to these cleanup methods or levels must be granted by U.S. EPA Region V.

All documentation pertaining to the PCB inspection will be forwarded to U.S. EPA for review. If you have any questions regarding this letter or the PCB regulations you may contact me at (614) 644-3063. If you would like to talk with someone from U.S. EPA Region V, you may contact Kendall Moore at (312) 353-1147.

Sincerely,

Charlotte E. Hammar

Charlotte E. Hammar
PCB Inspector
Division of Emergency and Remedial Response

ATTACHMENT

cc: Ralph McGinnis, CEPU Unit Supervisor, Ohio EPA/DERR
Kendall Moore, Ohio Project Officer, U.S. EPA Region V
Tony Martig, Environmental Engineer, U.S. EPA Region V



State of Ohio Environmental Protection Agency

P.O. Box 1049, 1800 WaterMark Dr.
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Marion not a common storage
Does Marion use 761.65(b) as storage facilities?
Where is this a violation?
AD. Format acceptable

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Scott Conway, Plant Manager
Marion Steel Company
Page 2

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Charlotte E. Hammar

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PCB Inspector
Division of Emergency and Remedial Response

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